Owners Manual

TEC LOAD CELL SCALE
(WITH LABEL PRINTER)
MODEL SL59 SERIES
(US-1. Version)
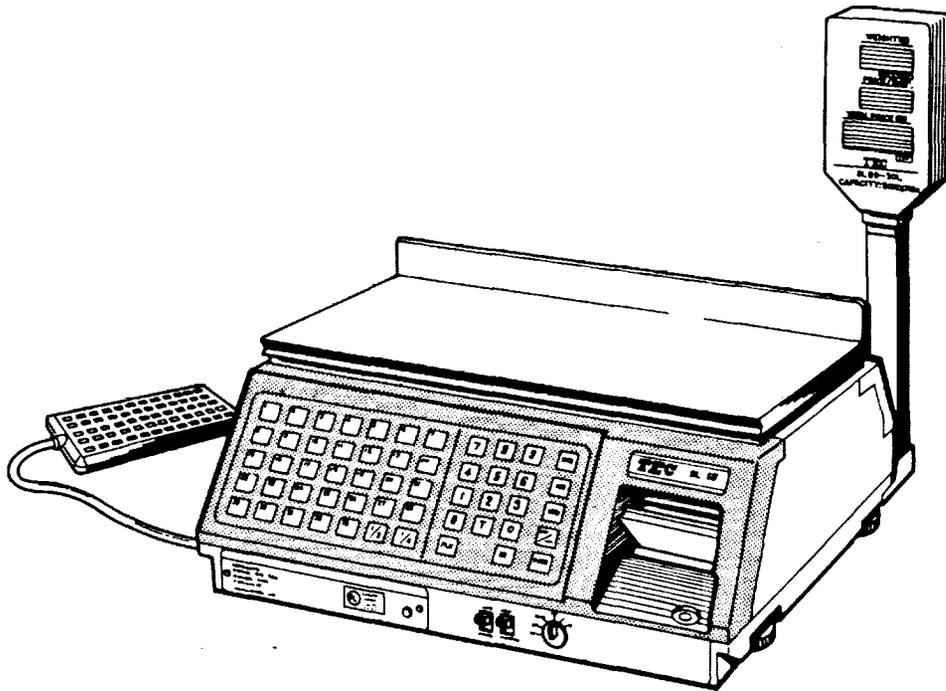
TEC TOKYO ELECTRIC CO., LTD.

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INTRODUCTION

We thank you very much for purchasing our TEC Electronic SL59 Series Scale.

This series has been desingned with TEC reliability and offer a cost efficient system for a modest investment.

And the SL59 (with thermal printer) takes advantage of the latest technology in microprocessors. Because of this, the decreased cabinet size permits the system to be placed virtually anywhere in your store.

Your deli, and specialty departments can enjoy these high quality reliable TEC products. Improve your operating effectiveness and watch the increased utilization of your front end scanning investment. This electronic Load cell scale eliminates all moving parts and furnishes an accurate digital display of all information.

We believe that your needs will now be fully satisfied, and you will have total reliability in price calculation.

This manual will help to acquaint you with the proper operation and care of the SL59 series scale. Please keep it handy for future reference.

PRECAUTIONS

1. DON'T SUBJECT the weighing platter to SUDDEN SHOCKS.
2. DON'T DEPRESS THE KEYS TOO HARD. Keys will operate correctly if they are merely touched lightly.
3. Clean the cover and weighing platter by wiping with a dry cloth or a cloth soaked with detergent and wring out thoroughly. NEVER USE THINNER OR OTHER VOLATILE SOLVENT FOR CLEANING.
4. This machine has been made drip-proof, but DO NOT POUR WATER directly on it.
5. To insure scale is operating correctly, place a known weight on platter and check for correct computing. This should be done every morning before starting normal operations.
6. When in use, avoid locations subject to vibration and direct sunlight.

1. SPECIFICATION

Items	SL59-15L-US-1	SL59-30L-US-1
Max. Capacity	15lbs	30lbs
Minmum Scale Division	0.005lb	0.01lb
Display Range	0 ~ 15.025lb	0 ~ 30.05lb
Unit Price Presettable	$0.01 ~ 99.99	Same as SL59-15L
Tare	0.005lb ~ 9.995lb	0.01lb ~ 30.00lb
Remote Display:		
Weight	5 digits	4 digits
Unit Price	4 digits	4 digits
Total Price	5 digits	5 digits
Capacity of PLU memory	102 ~ 290 PLUs (Standard type)	
	(It depends on each PLU capacity.)	Same as SL59-15L
Display Designations	NET, PREPACK, ERROR	Same as SL59-15L
Remote Display Mode	Both sides	Same as SL59-15L
Minimum Price Display	$0.01	Same as SL59-15L
Mechanical:		
Printer Head	Thermal Printer Head	Same as SL59-15L
Paper Feeding Mechanism	Stepping Motor	Same as SL59-15L
Paper End Detector	Micro Switch	Same as SL59-15L
Power Requirement	120V ±10%, 60Hz	Same as SL59-15L
Power Consumed	120V·1A	Same as SL59-15L
Temperature Limits	32° ~ 104°F	Same as SL59-15L
Relative Humidity	45% ~ 85%	Same as SL59-15L
Weight	26.5lbs	Same as SL59-15L
Interfacing Devices:		
Alpha Numeric Keyboard	TEC RK-3 (Option)	Same as SL59-15L
Cassette Magnetic Tape Loader (OPTION)	DR-1 (AIWA CO.)	Same as SL59-15L
External Joarnal Printer	TP-10 printer (Thermal) of TANDY CO.	Same as SL59-15L

Dimensions (approximate)

(Inch)

- 4.3"
- 13.8"
- 6.5"
- 14.6"
- 1.8"
- 9.5"
- 16.1"
- 15.6"

2. OVERVIEW

Remote Display

—Weight Display
—Unit Price Display
—Total Price Display

Platter

RK-3 Alpha Keyboard (Option)

—Printer Cover

—Level Gauge

—Adjusting Leg

Keyboard

Control Lock Key

Zero Switch

"Auto" or "Manual" Switch

"Weight", "Fix price" or "By count" Switch

3. REMOTE DISPLAY

WEIGHT lbs

NET   PREPACK

PRICE/lb $

TOTAL PRICE $

ERROR

TEC

SL59-30L

CAPACITY : 30 X 0.01 lbs
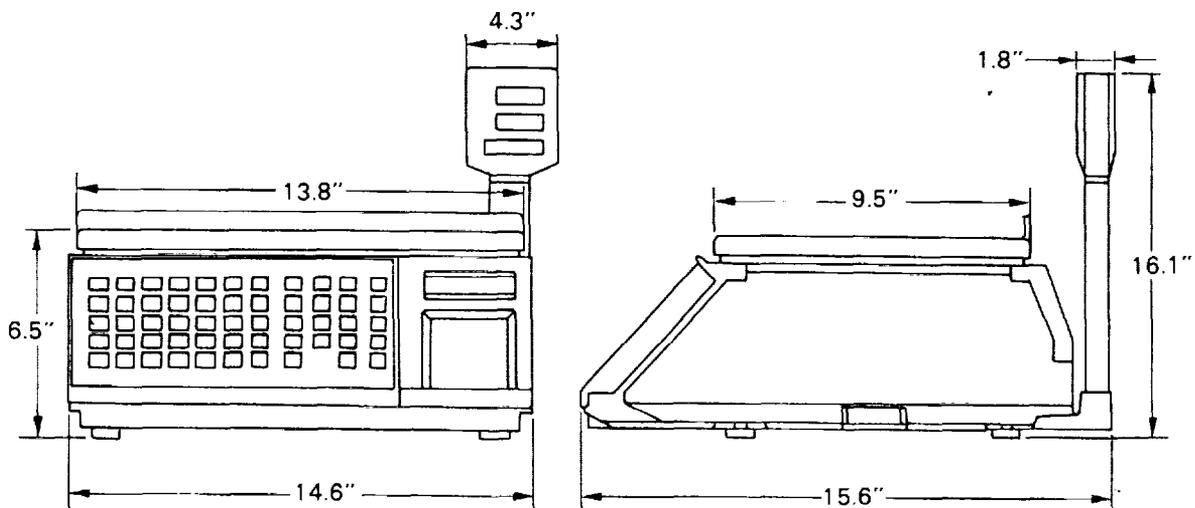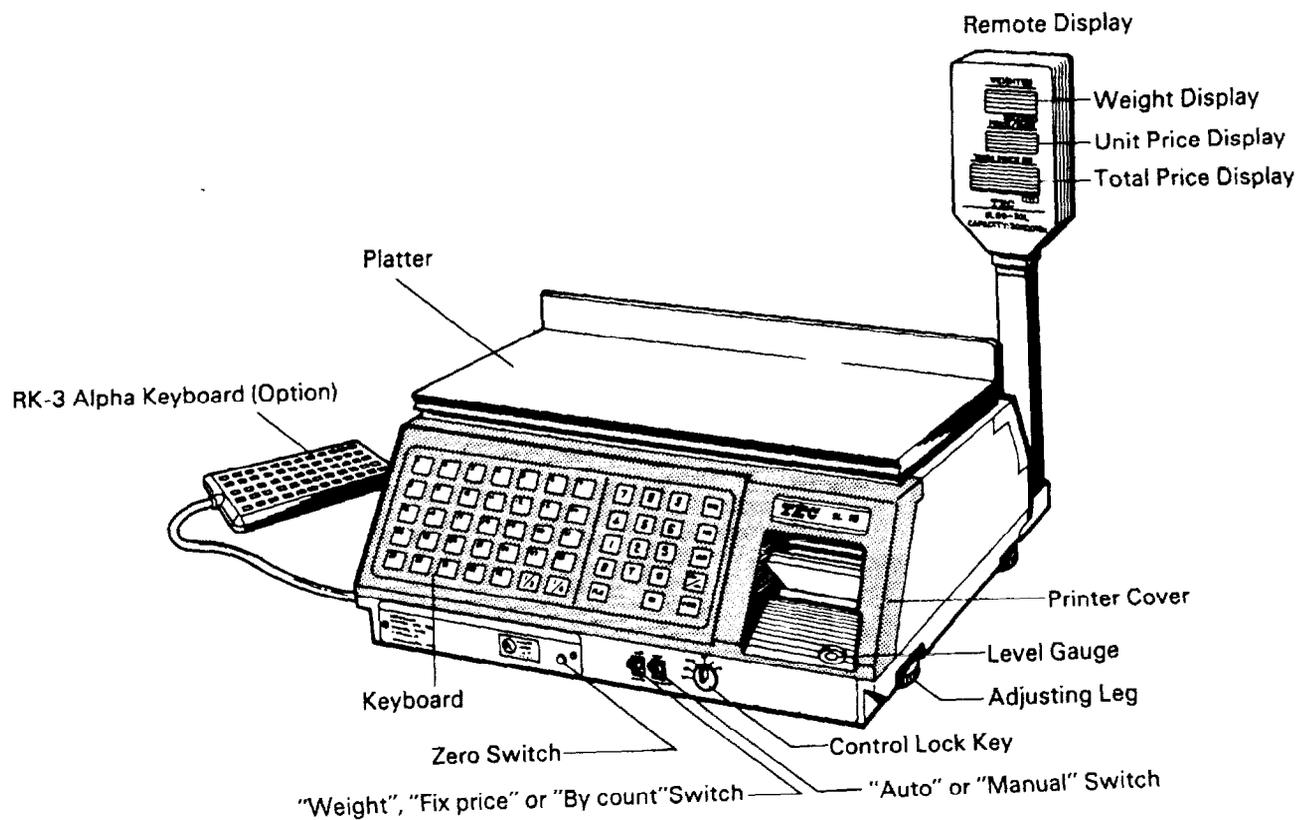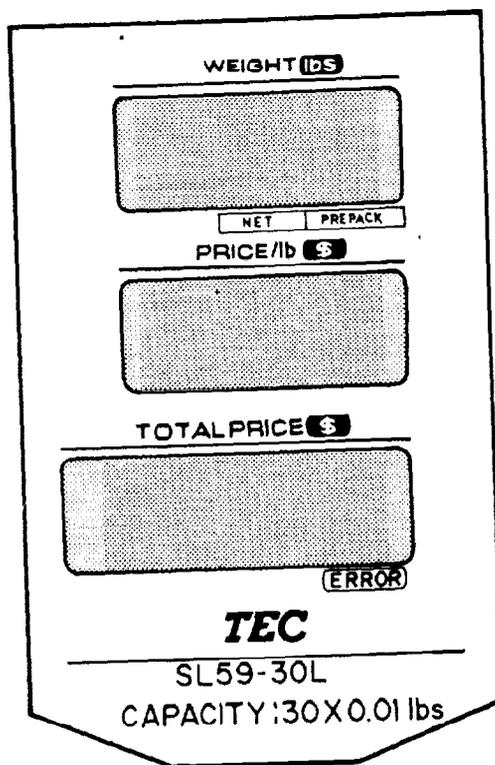
Customer and Vendor's view

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4. KEY ARRANGEMENT
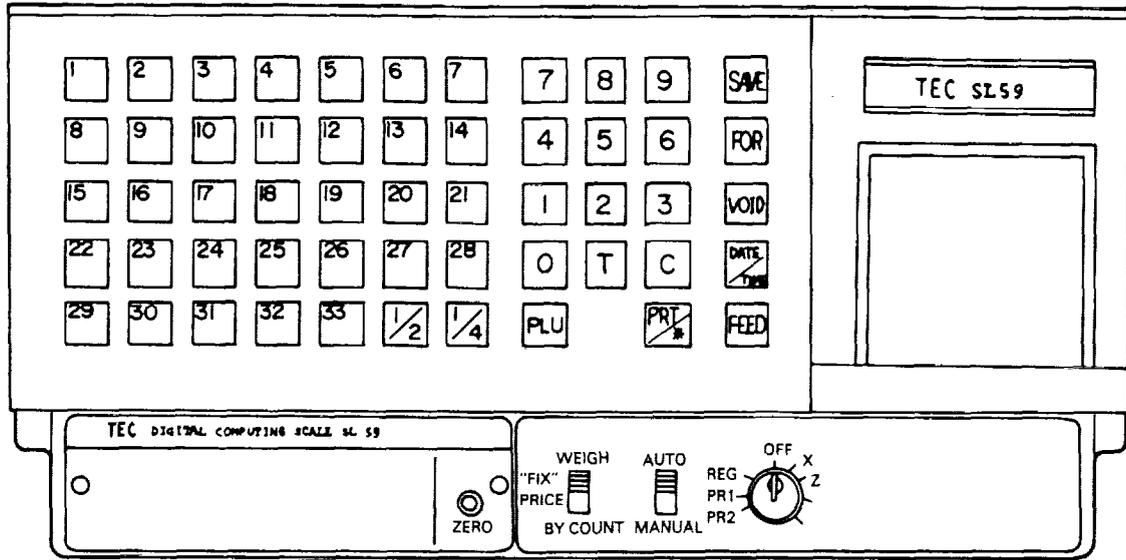
5. KEY AND LAMP FUNCTIONS

Name of Key & Lamp	Functions
Label Issue Mode Switch (1) AUTO MANUAL	"AUTO" position: This position is used to issue regular scale labels. When the weight becomes stable, the label will automatically be issued. "MANUAL" position: When the weight becomes stable, the label will be issued by depressing [PRT] Key.
Label Issue Mode Switch (2) – WEIGH – FIX PRICE – BY COUNT	"WEIGH" position: This position is used in weighing function of SL59. "BY COUNT" position: It is possible to produce labels which contain information of quantity pricing, instead of weight. "FIX PRICE" position: The Unit Prince enters directly to Total Price on calling up PLU, and that Total Price cannot be changed by any weighing after that.
NUMERIC Keys [0] ~ [9]	These keys are used to enter PLU Number, Unit Price and Tare weight.
CLEAR Key [C]	1. This key is used for enter-clear of numeric key. 2. This key is used to return the machine condition to the normal weighing mode. 3. This key is used to release the scale from the SAVE mode.

Name of Key & Lamp	Functions
TARE Key T	This key is used to subtract tare weight.
SAVE Key SAVE	1. This key is used to save tare and unit price after taking off the commodity from a platter. 2. This key is used for CMT operation. 3. This key is used for adjustment of label spacing.
DATE & TIME Key DATE/TIME	1. This key is used to indicate the time and date on remote display. 2. This key is used to change the date.
FOR Key FOR	1. For issuing "By count" label with split price 2. In "X", "Z" control lock positions, this key is used to generate PLU Group or Random Items Total Report. 3. For issuing TEST label at "PRI" control key position.
FEED Key FEED	This key is used to feed labels.
DIRECT Key 1 ~ 33	These keys are used to set and call the PLU numbers of frequently used articles.
VOID Key VOID	This key is used to cancel only one article's data by depressing this key after its registration.
PLU Key PLU	1. This key is used to select a PLU number. 2. This key is used for returning to initial mode.
PRINT/VERIFY Key PRT/•	1. For issuing Total labels. 2. In case of Label issue mode switch setting at MANUAL position, this key has the function of label issue.
1/2 Key 1/2 1/4 Key 1/4	These keys are used to calculate the unit price by 1/2lb or 1/4lb.
ZERO Key ⊙ ZERO	This key is used to adjust ZERO point.
NET Lamp	Lights when tare is subtracted.
PREPACK Lamp	Lights when SAVE key is depressed.
ERROR Lamp	Lights when this machine is improperly operated or has caused a function error.
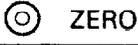
6. MAIN CONTROL LOCK

The control lock has eight marked positions.
There are four control keys which will operate these locks, these are:

This key (OP) will access the REG and OFF positions.

This key (MA1) will access the PR2, PR1, REG, OFF and X positions.

This key (MA2) will access the PR2, PR1, REG, OFF, X and Z positions.

Control lock

This key (SE) will access all eight positions.
(SE key may be kept with your TEC representative for servicing.)
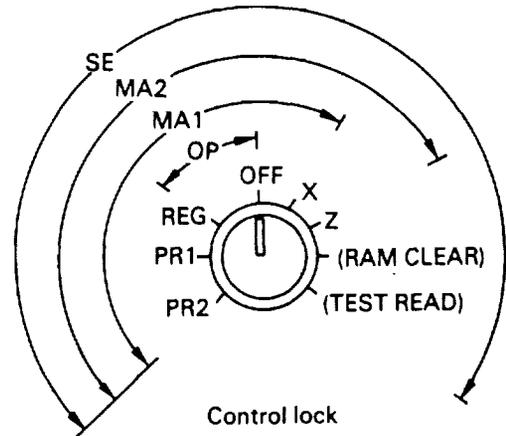
PR2 ————— Date, time, machine No., store code, store address, Bar Code Format, and PLU can be programmed.

PR1 ————— PLU unit price, direct key and Spacing of a label etc. can be programmed or changed.

REG ————— Machine can be used as a scale and register the data on a label.

OFF ————— Machine is locked and any further key entry is impossible.

X ————— Day-Total etc. can be read out and printed out on the paper or label.
The data-memory is not reset to zero.

Z ————— Day-Total etc. can be printed out on the paper or label and the data-memory is reset to zero.

(RAM CLEAR) ————— Used to clear all memories (all Total and PLU file).
(Depress ⌐C⌐ Key).

(TEST) ————— Used to indicate all test status in displays.

7. ALPHA KEYBOARD (OPTION)

(Option)

ALPHA KEYBOARD (RK-3-1)

The SL59 system has the capability to be interfaced with a separate alpha keyboard. This typewriter format keyboard greatly enhances the system by allowing the programming of alpha descriptors for PLU's or Commodities. All price programming can be done through the 57 keys alpha keyboard including pricing by 1/2 pound and 1/4 pound.
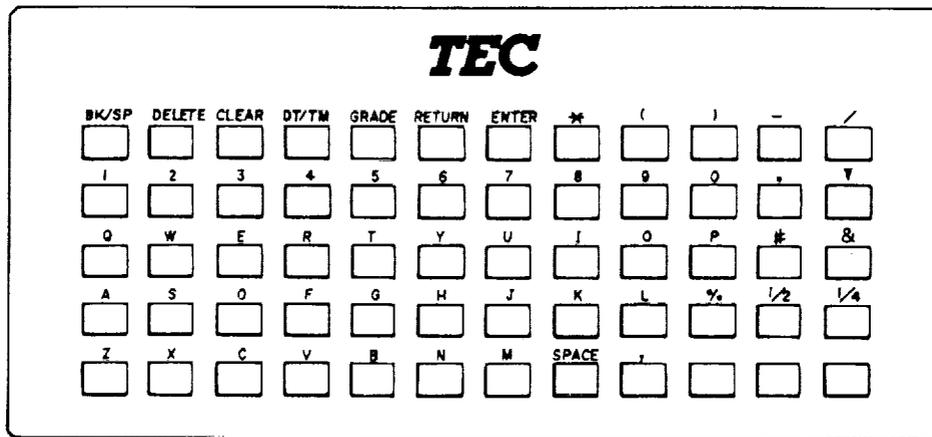
ALPHA KEYBOARD

The alpha keyboard is used with the MA1 or MA2 key at the control lock PR2, position.

NUMERIC KEYS

$\boxed{0}$ ~ $\boxed{9}$

The numeric keys are number keys 0-9.

PLU number, unit price and store code etc. can be indexed on this keyboard instead of using the operation panel.

ALPHA KEYS

$\boxed{A}$ ~ $\boxed{Z}$

The alpha keys include the entire English alphabet. These keys are arranged in the standard typewriter format for easy data input.

SPECIAL CHARACTER KEYS

$\boxed{(}$ $\boxed{)}$ $\boxed{-}$ $\boxed{/}$ $\boxed{.}$ $\boxed{\blacktriangledown}$ $\boxed{\#}$ $\boxed{\&}$ $\boxed{\%}$ $\boxed{,}$ $\boxed{1/2}$ $\boxed{1/4}$

Twelve additional keys are provided to increase the read-ability of descriptors

DATE/TIME KEY

$\boxed{DT/TM}$

This key allows the correct programming of the calendar date and international time. Once this has been set, the Time of Day clock within the SL59 correctly maintains the time and automatically advances the date.

BACK SPACE KEY

$\boxed{BK/SP}$

The $\boxed{BK/SP}$ key can be used to retreat to a prior entry in descriptor programming and make a correction.

RETURN KEY

| RETURN |

The programming of a two line descriptor can be performed by depressing the | RETURN | key which returns the carriage.

DELETE KEY

| DELETE |

When a PLU is no longer to be maintained in the PLU file the | DELETE | key is used to remove the PLU.

GRADE KEY

| GRADE |

The | GRADE | key is not used in the SL59 system.

ENTER KEY

| ENTER |

During programming, data is input to the SL59 system by using the | ENTER | key.

CLEAR KEY

| CLEAR |

The function of the | CLEAR | key on the alpha keyboard is identical to the same key on the operation panel. This key allows the clearing of numeric entries prior to the depression of another function key.

VERIFY KEY

| * |

Used to print "*" mark as special character.

(Inch)
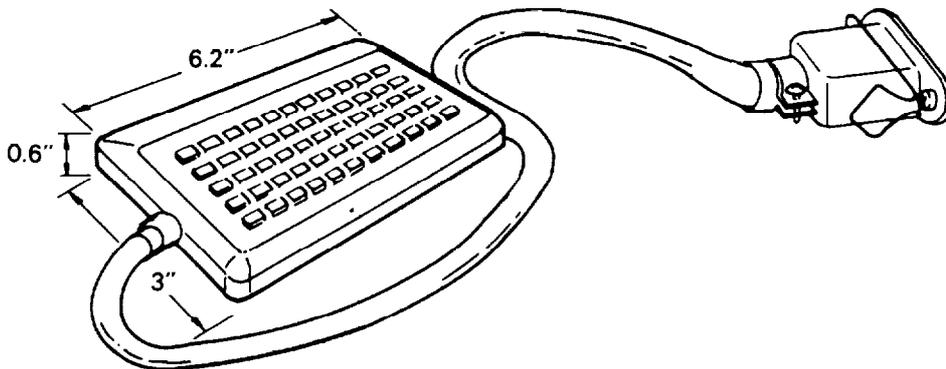
When the control lock is at the PR2 position, this remote key unit (RK-3) is used to preset the DATA of the PLU, etc.

8. CASSETTE MAGNETIC TAPE OPERATIONS

The SL59 is designed to interface with a cassette magnetic tape. This tape unit allows the transfer of the entire PLU file from the SL59 to the tape. This can be accomplished using a number of operation steps. In turn, information from the tape can also be transferred to other SL59.

1) SAVE (SL59 → CMT)

Control lock: PR1 position

                                 Start the tape to be recorded after entire rewinding.

                Index   1

                                   Confirm the magnetic painted part of tape running the Head.

                                   (Over 5 sec. after Starting.)

Depress: SAVE key

2) SAVE Comparison

Rewind the tape entirely again.

                Start the CMT to play (Not recording).

                Index   2

Depress: SAVE key

3) Load (CMT → SL59)

                Start the CMT to play (Not recording).

                Index   3

Depress: SAVE key

4) Load Comparison

Same procedures as "SAVE comparison".

5) Errors

Comparison Error (–4):   Warning for being different points after comparison.

Header Error (–2):   Warning for the use of another Spec. Tape.

Time Over Error (–3):   Warning for being over time (14 seconds) after depressing SAVE key in Load and Comparison (Not save operation).

Hard Error (–1):   Warning for the status Error.

NOTE 1: The error mode can be released by depressing C key, and try to operate again according to the above steps.

       2: When SAVE operation (SL59 → CMT) cannot be executed in 4 seconds after depressing SAVE key, it will result in Time over error mode.

9. LEVEL ADJLUSTMENT

Set the scale on a stable and level surface.
Level the scale by turing the adjustable legs so that the air bubble is
inside the center circle.

Level Gauge
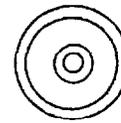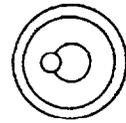
Correct   Incorrect

When the air bubble moves toward the left side, turn the right adjustable legs clockwise.	When the air bubble moves toward rear, turn the front adjustable legs clockwise.
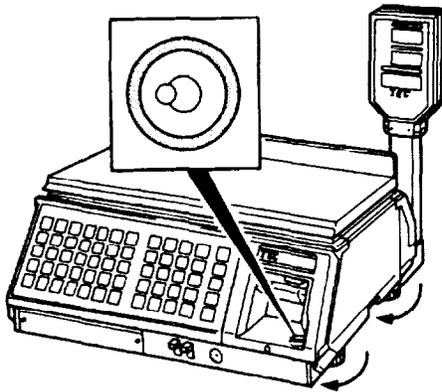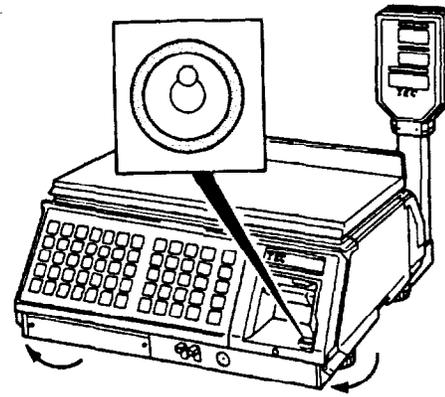
10. NOTES BEFORE STARTING .OPERATION

(1) Be sure to insert the power plug into AC outlet.

(2) When the power plug is connected to the AC outlet, the scale goes through the test scanning sequence, such as 00000,00000,000000, then 11111, 11111, 111111···and zeros appear on the weight and total price displays. When the control lock is turned from OFF to REG over 16 seconds after the power plug is connected to the AC outlet, all "8"s appear on all displayd, there by completing the test scanning sequence.

(3) While scale is in the test sequence, do not put anything on the platter.

(4) Do not move the unit while it is in operation. Should it become necessary ot move it at any time, turn the control lock to OFF poosition and be sure to redjust the level indicator after relocating the scale.

(5) Should a power failure occur during operation, remove the commodity from the platter and insert the power plug into AC outlet again when power is restored.

(6) If scale is used with an unrated power source, inaccurate scaling or other errors may occur.

(7) If Zero Point has shifted during scaling, and no tare is displayed, adjust Zero Point by depressing Zero switch.

11. OPERATING SECTION

11-1 NORMAL OPERATION

A. Weighed Article Registration

Control lock: REG

Label issue mode SW.:
– WEIGH
– FIX PRICE
– BY COUNT
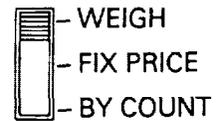
Example:

In case of a commodity of which PLU # 1501 and a unit price of $25.00/lb are programmed in direct key [1]

In case of a commodity of which unit price of $25.00/lb is programmed for PLU # 1501.

In case of a commodity with a unit price of $25.00/lb. (Random Items PLU) (Optional function by Dip switch)

[1] (Direct key)

[1] [5] [0] [1]

[PLU]

[PLU]

[2] [5] [0] [0]

PRICE/lb
25.00

PRICE/lb
25.00

PRICE/lb
25.00

WEIGHT	PRICE/lb	TOTAL PRICE
0.15	25.00	3.75

Place the Tare on. (0.15lb)

NET

PREPACK

Depress: [T]

NET
| 0.00 | 25.00 | 0.00 |

[SAVE]

(Unit Price and Tare are fixed.)

Place a article on. (3.50 lb)

NET
| 3.50 | 25.00 | 87.50 |

AUTO : AUTO
MANUAL

The label is issued.

MANUAL : AUTO
MANUAL

[PRT/*]

The label is issued.

BEEF
PACKED ON MAR 18
SELL BY MAR 25
0 212010 987503
3.50 25.00 $87.50
NET WT (lbs) | PRICE/lb ($) | TOTAL PRICE ($)
THANK YOU
19250 VAN NESS AVE. CALIF.

OTHERS
PACKED ON MAR 18
SELL BY
0 219182 987508
3.50 25.00 $87.50
NET WT (lbs) | PRICE/lb ($) | TOTAL PRICE ($)
THANK YOU
19250 VAN NESS AVE. CALIF.

Random Items Label

(Sample labels)

*Depress [PLU] key when initial mode is desired to be returned.

	WEIGHT	PRICE/lb	TOTAL PRICE
Intial mode:	0.00	P	0000

B. Non Weighed Article Registration

Control lock: REG

Label issue mode SW: – WEIGH
– FIX PRICE
– BY COUNT
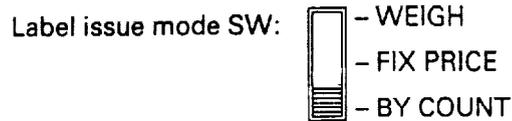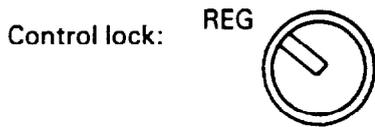
1) BY COUNT (1)

WEIGHT display: | – – – – |

Example:

In the event that PLU #1503 and a unit price of $4.70/lb are programmed in Direct key ⊡ .

In the event that a unit price of $4.70/lb is programmed for PLU #1503.

in the event of a unit price of $4.70.
(Random Items PLU)
(Optional function by Dip switch)

| 1 |

| 1 | 5 | 0 | 3 |

| PLU |

| PLU |

PRICE/lb
| 4.70 |

PRICE/lb
| 4.70 |

T. PRICE
(Random Items PLU)

PRICE/lb	T. PRICE	
12	4.70	0.00

| 1 | 2 |

Quantity of purchase.
(Can be ommitted.)
Max. 2 digits.

| FOR |

| P 12 | 4.70 | 0.00 |

Random Items PLU
Depress: | 4 | 7 | 0 |

| P 12 | 4.70 | 4.70 |

| PRT/• |

AUTO : AUTO
MANUAL

MANUAL : AUTO
MANUAL

The label is issued in succession after peeling it.

Single label is issued.
(Random Items PLU)

ORANGE
0 500810 000004
PACKED ON
MAR 18
SELL BY
MAR 28
12 PIECES $4.70
NET WT.lbs | PRICE/lb $ | TOTAL PRICE $
THANK YOU
19250 VAN NESS AVE. CALIF.

OTHERS
0 191827 000004
PACKED ON
MAR 18
SELL BY
12 PIECES $4.70
NET WT.lbs | PRICE/lb $ | TOTAL PRICE $
THANK YOU
19250 VAN NESS AVE. CALIF.

(Sample labels)

2) BY COUNT (2): Split price procedures-1

Example: In case of purchasing 17 pcs. of article for $4.70 of unit price for 8 pcs.

| | (Direct key) | | 1 | 5 | 0 | 3 |

PRICE/lb
4.70

PRICE/lb
PLU   4.70

		PRICE/lb	T. PRICE

Quantity of purchase.
(Can be ommitted.)
Max. 2 digits.

| 1 | 7 | 17 | 4.70 |

FOR → P 17 | 4.70

Quantity for that unit price.
(Can be omitted.)
Max. 2 digits.

| 8 | 8 | 4.70 |

FOR → P 8 | 4.70

PRT/• → P 17 | 9.99

AUTO
MANUAL   : AUTO

MANUAL :   AUTO
MANUAL

The label is issued in succession after peeling it.

Single label is issued.

ORANGE

0 500810 000004

PACKED ON
MAR 18
SELL BY
MAR 28

$9.99

17 PIECES

NET WT ⬛ | PRICE/lb ⬛ | TOTAL PRICE ⬛

THANK YOU

19250 VAN NESS AVE. CALIF.

(Sample labels)

3) BY COUNT (3): Split price procedures-2

For Open unit price and Random Items PLU.

```
  1                    1   5   0   3              PLU    (Random
 (Direct key)                                            Items PLU)
 PRICE/lb                    PRICE/lb                    PRICE/lb
 [ 0.00 ]             PLU    [ 0.00 ]                    [ 0.00 ]
 (Open Unit Price)           (Open Unit Price)           (Optional func-
                                                         tion by Dip
                                                         switch)
```

	PRICE/lb	T. PRICE
Quantity of purchase. (Max. 2 digits.) — `1 7`	17	0.00
`FOR`	P 17	0.00
Quantity for that unit price. (Max. 2 digits.) — `8`	8	0.00
`FOR`	P 8	0.00
Unit price for 8 pcs. ($4.70) — `4 7 0`	PRICE/lb 470	T. PRICE 0.00
`PRT/∗`	P 17	9.99

AUTO ▤ : AUTO   MANUAL : ▤ AUTO
MANUAL ▱   ▱ MANUAL

The label is issued in succession after peeling it.   Single label is issued.

(Random Items PLU)

```
        FISH                              OTHERS
   |||||||||||||||    PACKED ON      |||||||||||||||    PACKED ON
                      MAR 18                            MAR 18
                      SELL BY                           SELL BY
 0 468001 000007     MAR 21        0 191827 000004     MAR 21
   17 PIECES  $9.99                   17 PIECES  $9.99
 NET WT.lbs | PRICE/lb $ | TOTAL PRICE $   NET WT.lbs | PRICE/lb $ | TOTAL PRICE $
        THANK YOU                            THANK YOU
 19250 VAN NESS AVE. CALIF.        19250 VAN NESS AVE. CALIF.
```

(Sample labels)

C. Fix Price Registration

Control lock: REG

Label issue mode SW.: — WEIGH
— FIX PRICE
— BY COUNT

Example:

In the event that PLU # 1503 and a unit price of $9.40/lb are programmed in Direct key [1].

In the event that a unit price of $9.40/lb is programmed for PLU # 1503

[1]

[1] [5] [0] [3]

[PLU]

T. PRICE
| 9.40 |

T. PRICE
| 9.40 |

Place the Tare on.
(0.15lb)

WEIGHT	PRICE/lb	TOTAL PRICE
0.15	.	9.40

PREPACK

SAVE

(T. PRICE is fixed.)

Depress: [T]

NET

WEIGHT	PRICE/lb	TOTAL PRICE
0.00	.	9.40

Place a article on.
(3.50 lb)

NET

WEIGHT	PRICE/lb	T. PRICE
3.50	.	9.40

AUTO
MANUAL
: AUTO

MANUAL :
AUTO
MANUAL

The label is issued.

[PRT/•]

The label is issued.

ORANGE

0 "500810 "000004"

PACKED ON
MAR 18
SELL BY
MAR 28

3.50 $9.40

NET WT (lbs) | PRICE/lb ($) | TOTAL PRICE ($)

THANK YOU

19250 VAN NESS AVE. CALIF.
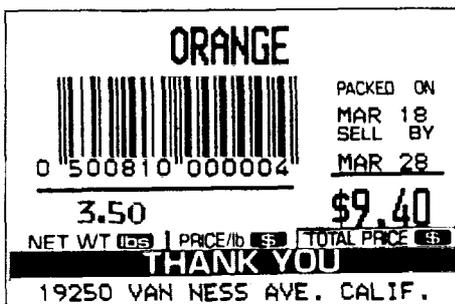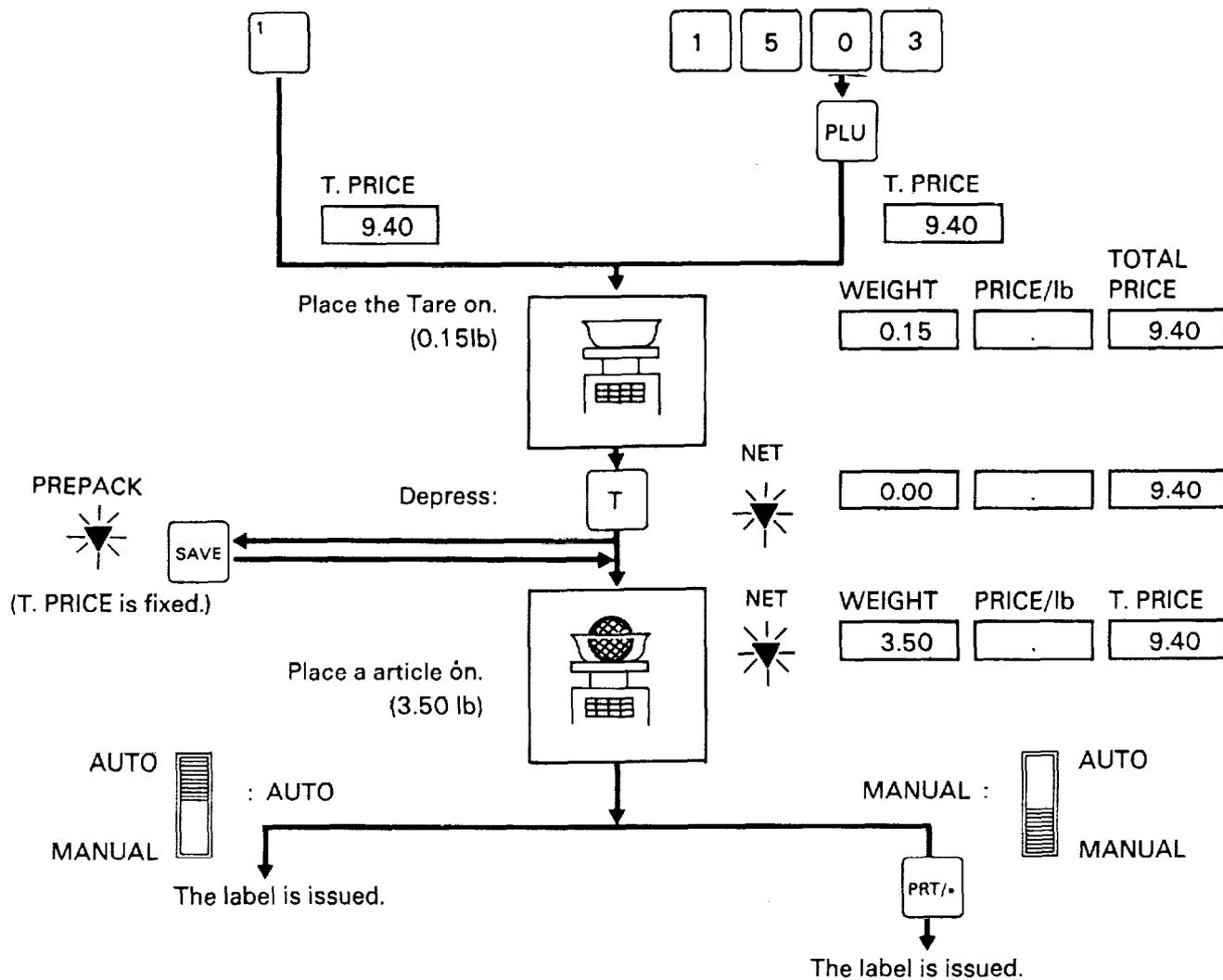
(Sample labels)

*Depress [PLU] key when initial mode is desired to be returned.

Intial mode:

WEIGHT	PRICE/lb	TOTAL PRICE
0.00	P	0000

D. Tare function procedure

There are two kinds of tare subtraction procedures, one is "Direct tare", another is "Preset tare".

1) Direct tare subtaction (A)

		WEIGHT	PRICE/lb	TOTAL PRICE
Initial mode:		0.00	P	0000
Put on Tare.	Tare 1.00lb	1.00	P	0000
Depress:	T NET	0.00	P	0000
Take off tare.	NET	-1.00	P	0000

2) Direct tare subtraction (B)

		WEIGHT	PRICE/lb	TOTAL PRICE
		0.00	P	0000
PLU NO. Ex.)	1 0 0	0.00	P	0100
Depress:	PLU	0.00	2.50	0.00
	Tare 0.15lb		Unit Price stored in PLU # 100.	
Put on tare.	NET	0.15	2.50	3.75
Depress:	T	0.00	2.50	0.00

3) Direct tare subtraction (C) : Random Items PLU

		WEIGHT	PRICE/lb	TOTAL PRICE
Initial mode:		0.00	P	0000
Depress:	PLU	0.00	0.00	0.00
	1 2 3	0.00	1.23	0.00
Place on tare.	Tare 0.15lb	0.15	1.23	0.18
Depress:	T NET	0.00	1.23	0.00

*Direct tare weight is available up to 30.00lb for 30lb scale and up to 9.995lb for 15lb scale.

4) Preset tare subtraction (A)

	WEIGHT	PRICE/lb	TOTAL PRICE
Initial mode:	0.00	P	0000

Ex.) 1.50 Tare weight

1	5	0

	WEIGHT	PRICE/lb	TOTAL PRICE
	0.00	P	0150

Depress: | T |

NET

| -1.50 | P | 0000 |

5) Preset tare subtraction (B) : Random Items PLU

	WEIGHT	PRICE/lb	TOTAL PRICE
Initial mode:	0.00	P	0000

| PLU |

	WEIGHT	PRICE/lb	TOTAL PRICE
	0.00	0.00	0.00

Ex.) Tare weight 1.50 1lb

Index: | 1 | 5 | 0 |

| 0.00 | 1.50 | 0.00 |

NET

Depress: | T |

| -1.50 | 0.00 | |

* As for 15lb capacity scale, entry weight for preset tare must be integer times of 5.
  Ex.) 1.05, 0.05, 0.10, 1.15lb
       The above does not hold true with the 30lb scale.

* Unit Price called up from PLU file cannot be used for preset tare input.

* Tentative unit price change after calling up from PLU file cannot be excuted except Random Items PLU and open unit price.

NOTE 1: The main circuit in the unit is turned ON when the power plug is connected to the AC outlet. The power of the load cell cannot be turned OFF by the control lock key.

NOTE 2: When the control lock key is turned to "REG" position within about 16 seconds after the power plug is connected to the AC outlet, the test scanning sequence is made, then initial mode is displayed and the scale is ready for use.

NOTE 3: ① After test scanning sequence, if initial weight is in un-stable condition, all "8" indicated on displays will go on and off.
         ② After test scanning sequence, if initial weight is out of the zero range which is very important limits for starting operation, "——" will be indicated on weight display.
         If this situation occurs, check whether the platter is touching to something or not, weight being on the platter or not and setting place of scale being on stable or not.

NOTE 4: Depressing direct key which is not stored in PLU data beforehand causes the machine to enter to error mode.

NOTE 5: In case that tare weight is over 20 div. (30lb scale: 0.20lb, 15lb scale: 0.10lb), please be sure not to issue the tare label by setting Mode switch to MANUAL position.

NOTE 6: If a transaction is not concerned with PLU memory, the data is stored into Random Items PLU memory.

NOTE 7: When scaling operation is completed, if tare which is saved is no longer needed, depress $\boxed{0}$ → $\boxed{T}$ key in no-weighing on platter.

NOTE 8: Canceling the last registration.
After registering the data and issuing its label.

	WEIGHT	PRICE/lb	TOTAL PRICE

Depress $\boxed{\text{VOID}}$ key $\boxed{—,——}$ $\boxed{——,——}$ $\boxed{———,——}$ "-" are indicated in 0.6 seconds.
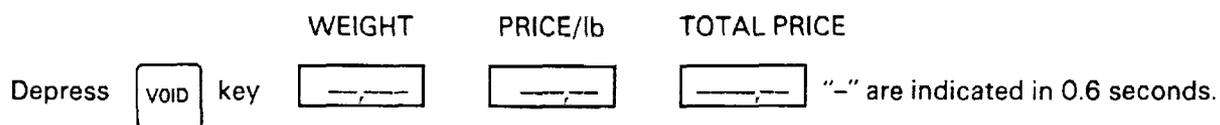
On depressing $\boxed{\text{VOID}}$ key, the data of the last article is subtracted from the memory.

NOTE 9: In case of being selected by Dip switch, If the PLU which is called up has a programmed Tare weight in itself and that Tare weight is desired to be changed to other weight, the following procedures allow to be aftered.

Example: New Tare weight 1.50lb
After calling up the PLU including Tare weight.

Index: $\boxed{T}$ Key

↓

$\boxed{1}$ ⎫
$\boxed{5}$ ⎬ Max. 4 digits.
$\boxed{0}$ ⎭

↓

$\boxed{T}$
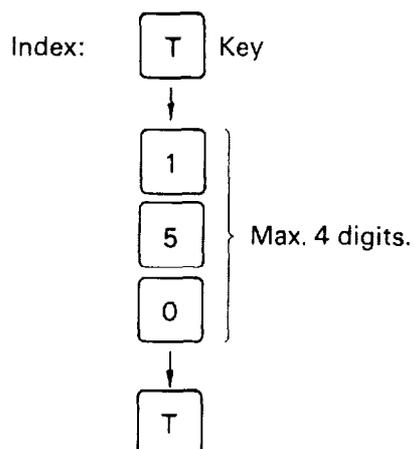
E. Date change

Control lock: REG

The Date can be changed temporarily.

	WEIGHT	PRICE/lb	TOTAL PRICE

Depress: $\boxed{\text{DATE/TIME}}$ Key $\boxed{—,——}$ $\boxed{04,25}$ $\boxed{1011,83}$ (Current Setting date)

↓

Index: $\boxed{1}$ $\boxed{0}$ $\boxed{3}$ $\boxed{0}$ $\boxed{8}$ $\boxed{4}$ (New Date: 30th. Oct. '84)

↓

Depress: $\boxed{\text{DATE/TIME}}$ Key
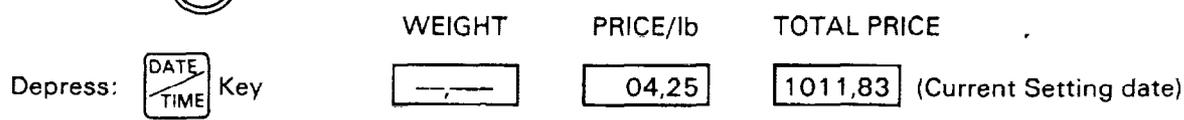
NOTE: When original date is desired.

Depress: $\boxed{\text{DATE/TIME}}$ → $\boxed{C}$ → $\boxed{\text{DATE/TIME}}$

11-2. TOTAL OPERATION

Control lock:

X   Z

or

"X" position: READ
Totals which have accumlated will not
be cleared.

"Z" position: RESET
All totals will clear as they are printed
on labels or journal paper.

A. Grand total Read and Reset (1)

Depress: |PRT/•| Key

PRICE/lb
| P |

TOTAL PRICE
| 0000 |
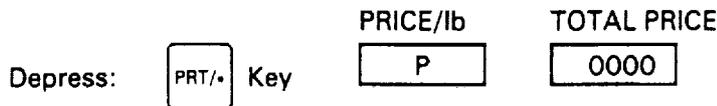
Total label including total weight, items, and amounts is issued.

$$\left(\begin{array}{l}\text{Dip sw. 2-1 : ON}\\\text{Dip sw. 2-6 : OFF}\end{array}\right)$$

"READ" Mark ──────── ┌──── Total Items

MANAGER TOTAL

PACKED ON
MAR 18
SELL BY

◇◇

Total weight ── 51.97   496   1580.94 ──── Total amounts
NET WT ⬛ | PRICE/lb ⬛ | TOTAL PRICE ⬛
THANK YOU
19250 VAN NESS AVE. CALIF.

READ

(Sample labels)

"RESET" Mark ──────────────┐

MANAGER TOTAL

PACKED ON
MAR 18
SELL BY

✕✕

51.97   496   1580.94
NET WT ⬛ | PRICE/lb ⬛ | TOTAL PRICE ⬛
THANK YOU
19250 VAN NESS AVE. CALIF.

RESET
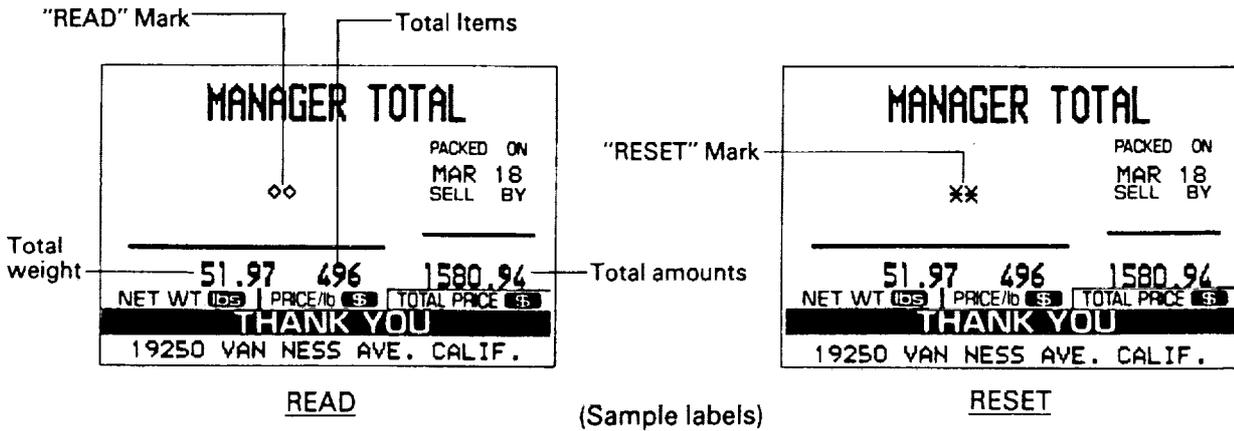
* In case of internal journal print.

$$\left(\begin{array}{l}\text{Dip sw. 2-1 : ON}\\\text{Dip sw. 2-6 : ON}\end{array}\right)$$

```
      MANAGER TOTAL
MAR 18    17:38       M 214
              STORE # 84260


     P        Lb        $
PLU TOTAL (READ)
    91     212.05    4559.31

RANDOM ITEMS TOTAL (READ)
    3       8.64      216.00

VOID TOTAL (READ)
    1       3.80       95.00

GRAND TOTAL (READ)
    98     241.01    4825.63
```

READ

(Sample Journal)

```
      MANAGER TOTAL
MAR 18    18:01       M 214
              STORE # 84260


     P        Lb        $
PLU TOTAL (RESET)
    59     233.05    2820.06

RANDOM ITEMS TOTAL (RESET)
    3       8.64      216.00

VOID TOTAL (RESET)
    1       3.80       95.00

GRAND TOTAL (RESET)
   105     262.01    5350.63
```

RESET
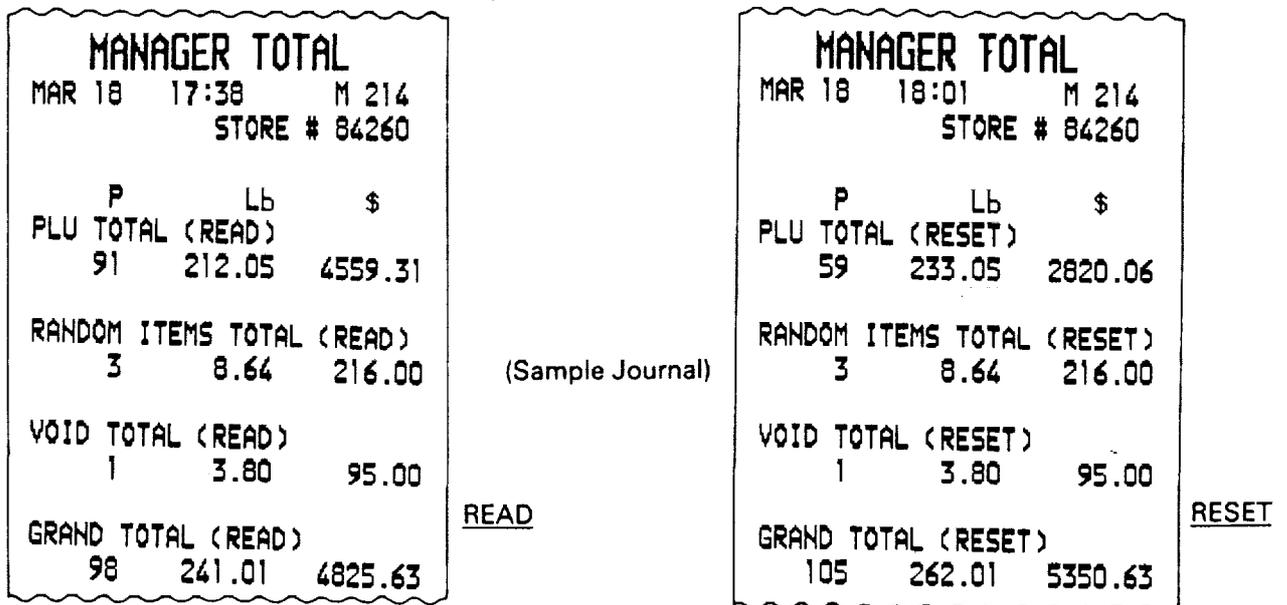
* In case of external journal print.
  (By Model TP-10 printer of TANDY CO.)

$$\binom{\text{Dip sw. 2-1 : OFF}}{\text{Dep sw. 2-6 : ON}}$$

```
MANAGER  TOTAL
MAR 18    17:42      M 214
                STORE # 84260


       P        Lb        $
PLU TOTAL (READ)
      91    212.05    4559.31

RANDOM ITEMS TOTAL (READ)
       3      8.64     216.00

VOID TOTAL (READ)
       1      3.80      95.00

GRAND TOTAL (READ)
      98    241.01    4825.63
```
                                    READ

(Sample journal)

B. Grand Total Read and Reset (2)

These Totals are available on journal printer only.

```
┌─────┐
│ PLU │
└─────┘
   ↓
┌─────┐
│PRT/•│
└─────┘
```
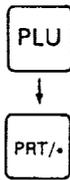
1) Internal journal

   (Sample journal)

```
    MANAGER TOTAL
MAR 18    17:41      M 214
            STORE # 84260

PLU TOTAL (READ)

       P        Lb        $
P.001501  #120100  T 1.20
      39    98.83    2264.25
P.001502  #110230  T 0.00
      12    31.52     945.60
P.001503  #500810  T 0.50
      12    26.66     125.33
P.001504  #170020  T 0.80
      14    29.12    1025.08
P.001505  #468001  T 1.50
      14    25.92     199.05


       P        Lb        $
PLU TOTAL (READ)
      91    212.05    4559.31

RANDOM ITEMS TOTAL (READ)
       3      8.64     216.00

VOID TOTAL (READ)
       1      3.80      95.00

GRAND TOTAL (READ)
      98    241.01    4825.63
```
                                    READ

$$\binom{\text{Dip sw. 2-1 : ON}}{\text{Dip sw. 2-6 : ON}}$$

2) External journal. (TANDY printer)

$$\begin{pmatrix} \text{Dip sw. 2-1} : \text{OFF} \\ \text{Dip sw. 2-6} : \text{ON} \end{pmatrix}$$

```
MANAGER  TOTAL
MAR 18    17:43        M 214
              STORE # 84260

PLU TOTAL (READ)

        P         Lb          $
P.001501   #120100   T 1.20
      39       98.83     2264.25
P.001502   #110230   T 0.00
      12       31.52      945.60
P.001503   #500810   T 0.50
      12       26.66      125.33
P.001504   #170020   T 0.80
      14       29.12     1025.08
P.001505   #468001   T 1.50
      14       25.92      199.05


        P         Lb          $
PLU TOTAL (READ)
      91      212.05     4559.31

RANDOM ITEMS TOTAL (READ)
       3        8.64      216.00

VOID TOTAL (READ)
       1        3.80       95.00

GRAND TOTAL (READ)
      98      241.01     4825.63
```

READ

(Sample journal)

C. Single PLU Read and Reset

Ex). PLU # 1501

Index: [1] [5] [0] [1]

Depress: [PLU]

[PRT/•]

PRICE/lb TOTAL PRICE

[ ] [1501]

[ ] [1501]

[P] [1501]

```
           BEEF
                      PACKED  ON
                      MAR 18
            PLU ◇     SELL  BY
PLU ———————— 001501    120100        READ
Number
          16.50    5     412.50
       NET WT lbs | PRICE/lb $ | TOTAL PRICE $
            THANK YOU
       19250 VAN NESS AVE. CALIF.
```

```
           BEEF
                      PACKED  ON
                      MAR 18
            PLU ✕     SELL  BY
            001501    120100        RESET

          16.50    5     412.50
       NET WT lbs | PRICE/lb $ | TOTAL PRICE $
            THANK YOU
       19250 VAN NESS AVE. CALIF.
```

(Sample labels)

PLU # 1501:

```
   MANAGER TOTAL
MAR 18   17:45      M 214
            STORE # 84260

PLU TOTAL (READ)

     P      Lb      $
P.001501  #120100  T 1.20
    39     98.83  2264.25
```
READ

```
   MANAGER TOTAL
MAR 18   17:46      M 214
            STORE # 84260

PLU TOTAL (RESET)

     P      Lb      $
P.001501  #120100  T 1.20
    39     98.83  2264.25
```
RESET

(Sample internal journal)

PLU # 1502:

```
   MANAGER  TOTAL
MAR 18     17:47      M 214
               STORE # 84260


PLU TOTAL (READ)

       P        Lb        $
P.001502  #110230   T 0.00
      12     31.52    945.60
```
READ

(Sample external journal)

D. PLU Group Total Read and Reset

PLU #1501 ~ 1503 group.

Index: [1] [5] [0] [1]

Depress: [FOR]

Index: [1] [5] [0] [3]

Depress: [PLU]

                [PRT/•]
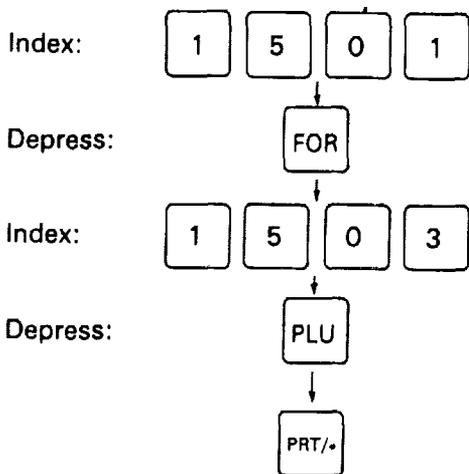
```
   MANAGER TOTAL
                  PACKED  ON
                  MAR 18
       PLU ◇      SELL  BY
  001501--001503  _____

     31.50   173     794.14
NET WT [lbs] PRICE/lb [$] TOTAL PRICE [$]
     THANK YOU
19250 VAN NESS AVE. CALIF.
```
READ

```
   MANAGER TOTAL
                  PACKED  ON
                  MAR 18
       PLU ✕      SELL  BY
  001501--001503  _____

     15.00   168     381.64
NET WT [lbs] PRICE/lb [$] TOTAL PRICE [$]
     THANK YOU
19250 VAN NESS AVE. CALIF.
```
RESET

(Sample labels)

– 26 –

PLU # 1501 ~ 1503 group

```
~~~~~~~~~~~~~~~~~~~~~~~~~~~~
     MANAGER TOTAL
MAR 18    18:00      M 214
                STORE # 84260

GROUP TOTAL (READ)
PLU.001501--001503

     P        Lb        $
P.001501   #120100   T 0.00
    7      119.83     525.00
P.001502   #110230   T 0.00
   12       31.52     945.60
P.001503   #500810   T 0.50
   12       26.66     125.33
SUBTOTAL (READ)
   31      178.01     1595.93
~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```
READ

```
~~~~~~~~~~~~~~~~~~~~~~~~~~~~
     MANAGER TOTAL
MAR 18    18:00      M 214
                STORE # 84260

GROUP TOTAL (RESET)
PLU.001501--001503

     P        Lb        $
P.001501   #120100   T 0.00
    7      119.83     525.00
P.001502   #110230   T 0.00
   12       31.52     945.60
P.001503   #500810   T 0.50
   12       26.66     125.33
SUBTOTAL (RESET)
   31      178.01     1595.93
~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```
RESET

(Sample internal journal)

```
~~~~~~~~~~~~~~~~~~~~~~~~~~~~
    MANAGER  TOTAL
MAR 18    17:53      M 214
                STORE # 84260


GROUP TOTAL (READ)
PLU.001501--001503

     P        Lb        $
P.001501   #120100   T 0.00
    7      119.83     525.00
P.001502   #110230   T 0.00
   12       31.52     945.60
P.001503   #500810   T 0.50
   12       26.66     125.33
SUBTOTAL (READ)
   31      178.01     1595.93
~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```
READ

(Sample external journal)

E. Random items PLU Read and Reset

		PRICE/lb	TOTAL PRICE
Dpress:	FOR	0000	0000
	↓		
	PLU	H	0000
	↓		
	PRT/•	P H	0000

– 27 –
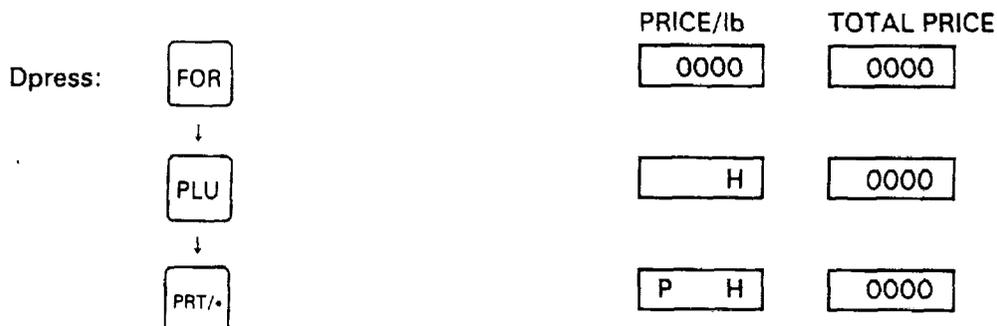
Random items total (Read) Mark

MANAGER TOTAL

PACKED ON
MAR 18
SELL BY
191827

H ◇

READ

```
  10.50   216      375.91
NET WT lbs | PRICE/lb $ | TOTAL PRICE $
           THANK YOU
19250 VAN NESS AVE. CALIF.
```

Random items total (Reset) Mark

MANAGER TOTAL

PACKED ON
MAR 18
SELL BY
191827

H ✻

RESET

```
  10.50   216      375.91
NET WT lbs | PRICE/lb $ | TOTAL PRICE $
           THANK YOU
19250 VAN NESS AVE. CALIF.
```

(Sample labels)

MANAGER TOTAL

```
MAR 18    17:59         M 214
              STORE # 84260


     P        Lb         $
RANDOM ITEMS TOTAL (READ)
     3       8.64      216.00
```

READ

MANAGER TOTAL

```
MAR 18    17:59         M 214
              STORE # 84260


     P        Lb         $
RANDOM ITEMS TOTAL (RESET)
     3       8.64      216.00
```

RESET

(Sample internal journals)

MANAGER TOTAL

```
MAR 18    17:55         M 214
              STORE # 84260


     P        Lb         $
RANDOM ITEMS TOTAL (READ)
     3       8.64      216.00
```

RESET

(Sample external journal)

F. Void Read and Reset

Depress: | VOID |

↓

| PRT/• |

PRICE/lb
| – |

TOTAL PRICE
| 0000 |

| P   – |

| 0000 |

VOID (READ) Mark

MANAGER TOTAL

PACKED ON
MAR 18
SELL BY

V ◇

READ

```
   5.99    2       89.05
NET WT lbs | PRICE/lb $ | TOTAL PRICE $
           THANK YOU
19250 VAN NESS AVE. CALIF.
```

VOID (RESET) Mark

MANAGER TOTAL

PACKED ON
MAR 18
SELL BY

V ✻

RESET

```
   5.99    2       89.05
NET WT lbs | PRICE/lb $ | TOTAL PRICE $
           THANK YOU
19250 VAN NESS AVE. CALIF.
```

(Sample labels)

```
  MANAGER TOTAL
MAR 18   17:59      M 214
              STORE # 84260              READ

        P      Lb       $
VOID TOTAL (READ)
        1     3.80    95.00
```

```
  MANAGER TOTAL
MAR 18   17:59      M 214
              STORE # 84260              RESET

        P      Lb       $
VOID TOTAL (RESET)
        1     3.80    95.00
```

(Sample internal journal)

```
  MANAGER  TOTAL

MAR 18    17:55      M 214
               STORE # 84260            READ

        P         Lb        $
VOID TOTAL (READ)
        1        3.80     95.00
```

(Sample external journal)

G. Hourly Report

Dpress:

DATE/TIME

↓

PRT/*

PRICE/lb	TOTAL PRICE
H-H	000000
P H-H	000000

The labels of Hourly report are issued consecutively.

```
    HOURLY REPORT
                   PACKED  ON
                   MAR 18
      10-11    ◇   SELL  BY          READ (1)

       16.24    8    212.76
NET WT (lbs) | PRICE/lb ($) | TOTAL PRICE ($)
       THANK YOU
19250 VAN NESS AVE. CALIF.
```

```
    HOURLY REPORT
                   PACKED  ON
                   MAR 18
      12-13    ◇   SELL  BY          READ (3)

       14.16    7    354.00
NET WT (lbs) | PRICE/lb ($) | TOTAL PRICE ($)
       THANK YOU
19250 VAN NESS AVE. CALIF.
```

```
    HOURLY REPORT
                   PACKED  ON
                   MAR 18
      11-12    ◇   SELL  BY          READ (2)

       8.32     4    292.88
NET WT (lbs) | PRICE/lb ($) | TOTAL PRICE ($)
       THANK YOU
19250 VAN NESS AVE. CALIF.
```

```
    HOURLY REPORT
                   PACKED  ON
                   MAR 18
      13-14    ◇   SELL  BY          READ (4)

       14.56    7    512.54
NET WT (lbs) | PRICE/lb ($) | TOTAL PRICE ($)
       THANK YOU
19250 VAN NESS AVE. CALIF.
```

HOURLY REPORT

		PACKED ON
15-16 ◇		MAR 18
		SELL BY

| 166.13 | 62 | 2855.85 |
| NET WT lbs | PRICE/lb $ | TOTAL PRICE $ |

THANK YOU
19250 VAN NESS AVE. CALIF.

READ (5)

HOURLY REPORT

		PACKED ON
17-18 ◇		MAR 18
		SELL BY

| 11.52 | 4 | 345.60 |
| NET WT lbs | PRICE/lb $ | TOTAL PRICE $ |

THANK YOU
19250 VAN NESS AVE. CALIF.

READ (7)

HOURLY REPORT

		PACKED ON
16-17 ◇		MAR 18
		SELL BY

| 10.08 | 6 | 252.00 |
| NET WT lbs | PRICE/lb $ | TOTAL PRICE $ |

THANK YOU
19250 VAN NESS AVE. CALIF.

READ (6)

HOURLY REPORT

		PACKED ON
TOTAL ◇		MAR 18
		SELL BY

| 241.01 | 98 | 4825.63 |
| NET WT lbs | PRICE/lb $ | TOTAL PRICE $ |

THANK YOU
19250 VAN NESS AVE. CALIF.

READ TOTAL (8)

(Sample labels)

MANAGER TOTAL
MAR 18   17:58   M 214
                 STORE # 84260

P	Lb	$
HOURLY REPORT (READ)		
10-11		
8	16.24	212.76
11-12		
4	8.32	292.88
12-13		
7	14.16	354.00
13-14		
7	14.56	512.54
15-16		
62	166.13	2855.85
16-17		
6	10.08	252.00
17-18		
11	32.52	870.60
TOTAL		
105	262.01	5350.63

(Sample labels)

12. PROGRAMMING SECTION

PART I

Setting the date, time, store code, machine number and store address.

Keyboard entry:

Alpha Keyboard Connector

Control lock:

PR2
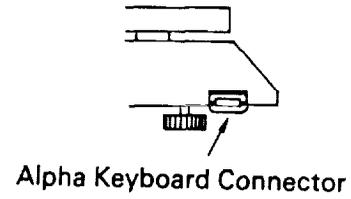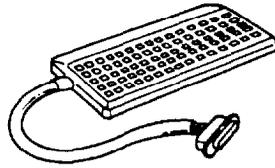
PRICE/lb [P1]

1) Date:

Example: To set date for March 18, 1984

			PRICE/lb	TOTAL PRICE
Depress:	DT/TM	Key	[A1]	
Index:	0			[0]
	3			.
	1			.
	8			.
	8			.
	4	.		[0 31884]
Depress:	DT/TM	Key	[A2]	
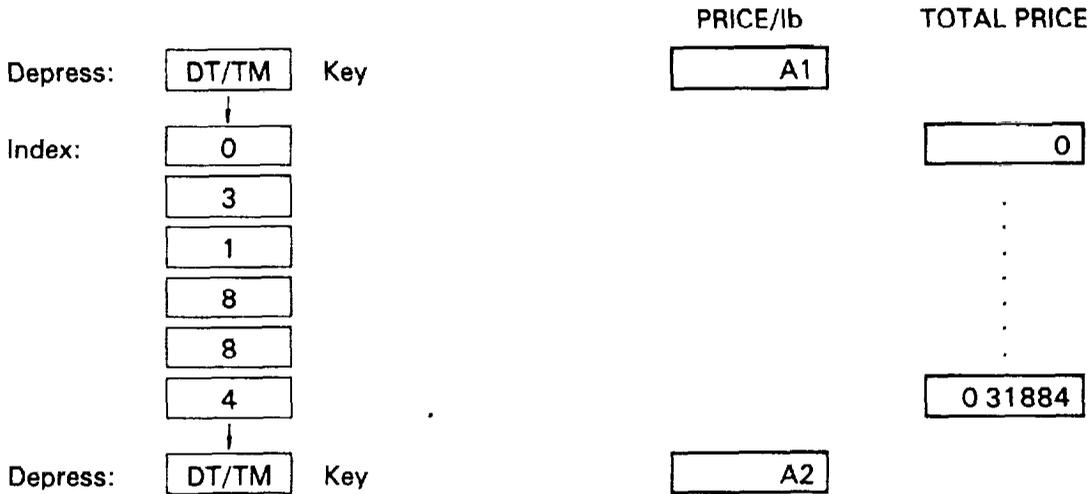
NOTE: The SL59 will check details of date input, any wrong date will result in error mode, and correct date should be entered again.

2) Time:

Example: To set time for 2 : 30 P.M.

Index:	1	Key	[A2]	[1]
	4			.
	3			.
	0			[1430]
Depress:	ENTER		[A3]	
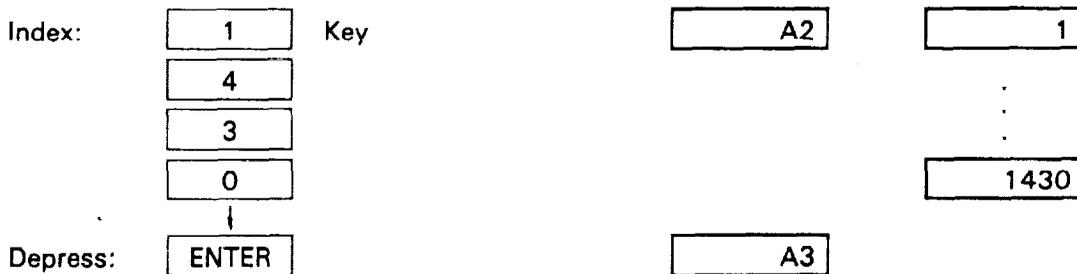
NOTE: Express all time in a 24 hour military format.
When SL59 will check details of time input, any wrong time will result in error mode, and correct time should be re-entered.

3) Store Code:

Example: To set the store code of 84260 (MAX. 5 digits)

			PRICE/lb	TOTAL PRICE
Index:	8	Key	A3	00008
	4			. .
	2			.
	6			.
	0			84260
Depress:	ENTER		A4	000
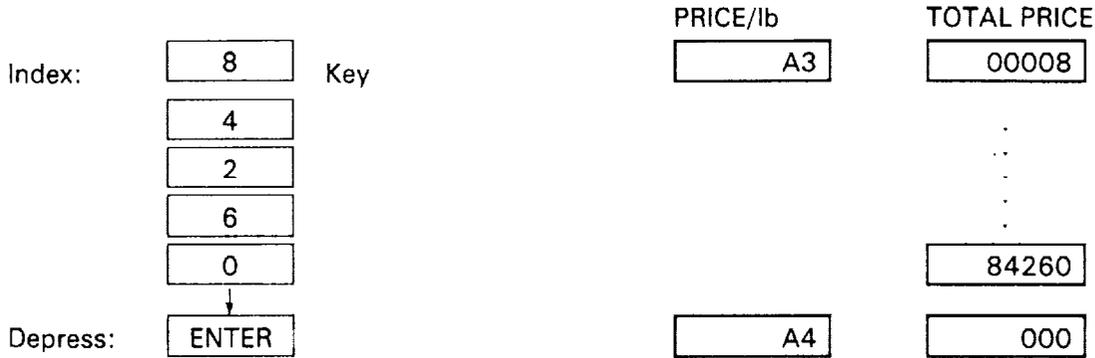
4) Machine Number (0 ~ 255):

Example: To set a machine number of 214.

			PRICE/lb	TOTAL PRICE
Index:	2	key	A4	2
	1			21
	4			214
Depress:	ENTER		A5	

NOTE: As with time setting routine the SL59 will check details of input, if number entered is over 255 then SL59 will error.

5) Store Address:

Up to 26 bottom characters in one line can be set as store address of a label.

PRICE/lb	TOTAL PRICE
A5	1 00

Expressed as the row from left side.
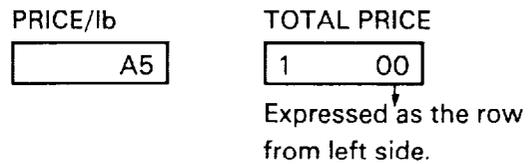
Example: To set the address of "19250 VAN NESS AVE. CALIF."

Index: [1][9][2][5][0][SPACE][V][A][N][SPACE][N][E][S][S][SPACE]
[A][V][E][.][SPACE][C][A][L][I][F][.]

[ENTER]

6) Initial status set:

PRICE/lb	TOTAL PRICE
A6	0 0 0 0

① The Barcode format in Fix Price mode
  0: Same as that of Weighing mode
  1: Same as that of By Count mode
② Sell By Date.
  0: Print on a label.
  1: No print on a label.
③ Packed On Date.
  0: Print on a label
  1: No print on a label.
④ "$" mark at Total Price
  0: Print on a label.
  1: No print on a label.
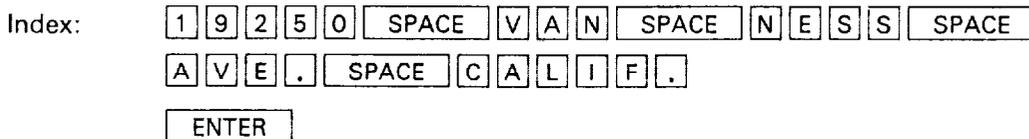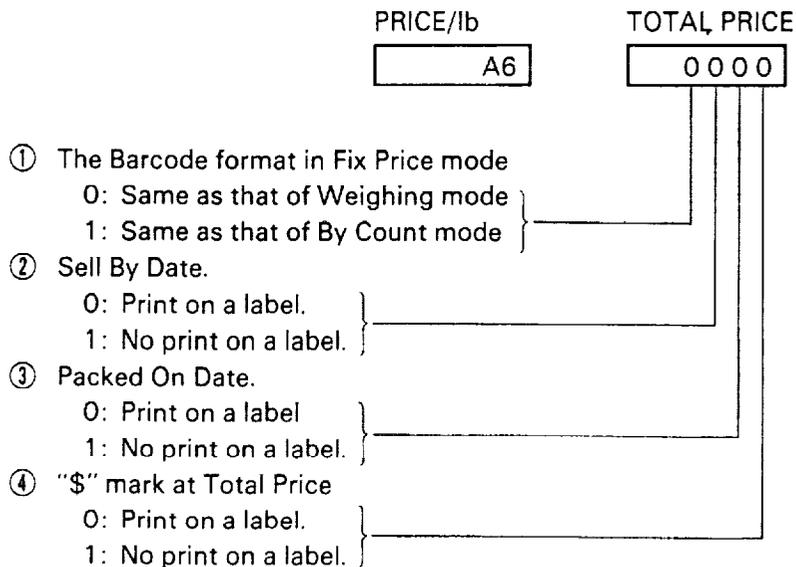
Standard status for us.: "0 0 0 0"

Index:

0	key
0	
0	
0	

↓

ENTER
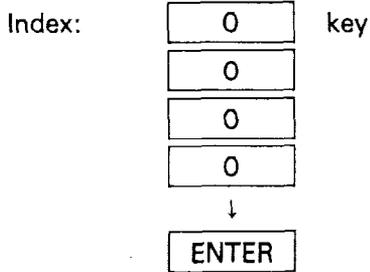
After last depression of ENTER key, a label containing the programmed information is issued automatically.

7) Sample label

Machine number —

Store Code —— 84260 214

PACKED ON
MAR 18 84 ——Date
SELL BY
13:20 ——Time

NET WT. lb | PRICE/lb $ | TOTAL PRICE $
THANK YOU
19250 VAN NESS AVE. CALIF.—— Store Address
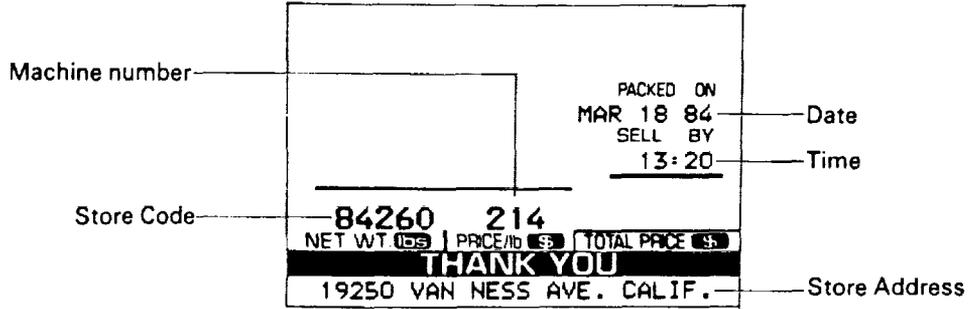
NOTE: 1. If the CLEAR key is depressed during store address programming, all address memories will be cleared.

2. If you want to go back to a prior entry in descriptor programming and make a correction, depress BK/SP key.

PART II

1) Bar Code Formats

This machine has the capacity of printing a Bar Code format of 13 digits on a label.
The user can therefore program the UPC codes themselves.

Keyboard entry:

Control lock:

PR2

PRICE/lb

| P1 |

TOTAL PRICE

| 0000 |
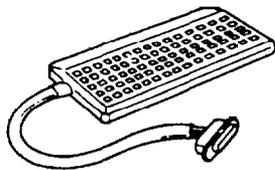
Example 1: To set following bar code format.

0	2	C_2	C_3	C_4	C_5	C_6	P C/D	P_4	P_3	P_2	P_1	C/D
Bar Code Flag		Commodity Code (Upper 5 digits)					Price Check Digits	Price (Lower 4 digits)				Total Check Digits

Deprss:

| B |
| C |
| O |
| D |
| E |

PRICE/lb

| −0 |

| −1 |

TOTAL PRICE

| |

| |

— 35 —

Select the label is- | 1 | ... Bar Code Format for weighing. | 1 |
sue mode. | or (| 2 |)... Bar Code Format for By Count. | (| 2 |) |
| or (| 0 |)... Bar Code Format for Weighing and By (| 0 |) Count.

Input the flag. | ENTER | | -2 |
(MAX. 2 digits) | 0 |
| 2 | | 02 |

Input the Commo- | ENTER | | -3 | | 00 0 |
dity Code digits. | 2 |
(2 ~ 6) | 3 |
| 4 |
| 5 |
| 6 | | 05 0 |

Select the check di- | ENTER | | -4 |
git to be or not. | 1 | ... Setting the price check digit. | (| 1 |) |
(0 or 1) | or (| 0 |)... Setting no price check digit. | (| 0 |) |

| ENTER |
Select the Price or | * | P | | P |
Weight. | or (| W |) | (| 1 |) |
(P or W) | 4 |
| 3 |
| 2 |
| 1 | | 4321 |
| ENTER | (Finish) | P1 | | 0000 |

Total check digit is set automatically.

*When Price check digit is entered, next Price Digits must be input in 4 or 5 digits.

2) Sample label

(By count format was set already.)

——— Bar Code format (At weighing and fix price mode)

```
WEIGH/FIX
  FFCCCCCCPPPPC
  0223456043210            PACKED  ON
                           MAR 18
BY COUNT                   SELL  BY
  FCCCCCCCCCCCC
  0123456000000
```

Bar Code format ———
(At by count mode)

NET WT ⬛ | PRICE/lb ⬛ | TOTAL PRICE ⬛

THANK YOU

19250 VAN NESS AVE. CALIF.
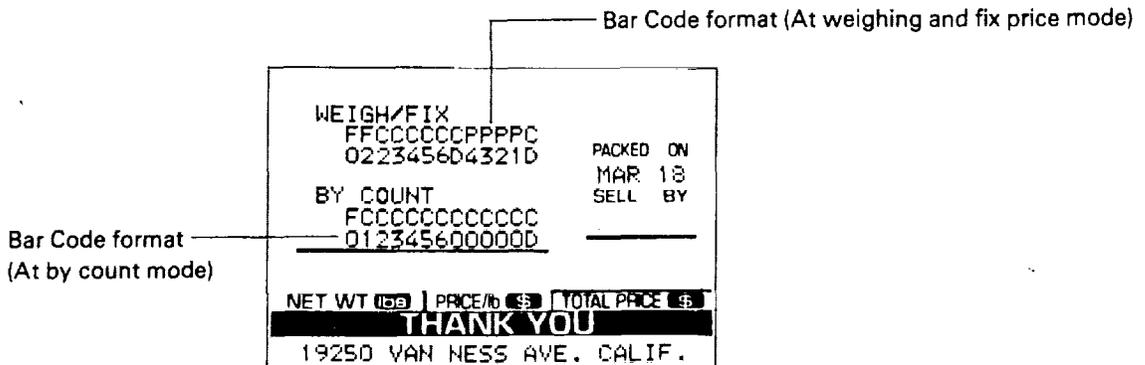
Example 2: To set following bar code format.

0	C₁	C₂	C₃	C₄	C₅	C₆	0	0	0	0	0	C/D
Bar Code Flag	Commodity Code						All "0"					Table Check Digits

PRICE/lb   TOTAL PRICE

Depress:

B		−0	
C			
O			
D			
E		−1	
2	... Bar Code Format for By Count.		2
ENTER		−2	
0	... Flag		
ENTER		−3	00 0
1			
2			
3			
4			
5	... Commodity Code digits.		
6	.		
0			
0			
0			
0			
0			
ENTER		−4	
0	... No Price check digit.		
ENTER		−5	
ENTER	(Finish)	P1	0000

... No Price and Weight digits.

NOTE: The label containing Bar Code programmed information is issued automatically.

3) Sample label

```
WEIGH/FIX
  FFCCCCCCPPPPC
  0223456043210          PACKED  ON
                         MAR  18
BY COUNT                 SELL  BY
  FCCCCCCCCCCCC
  01234560000000          ————

NET WT lbs | PRICE/lb $ | TOTAL PRICE $
           THANK YOU
19250 VAN NESS AVE. CALIF.
```

Example 3: To check the bar code format stored in SL59.

	PRICE/lb	TOTAL PRICE
	P1	0000
Depress: B	-0	
C		
O		
D		
E	-1	
↓		
ENTER (Finish)	-1	

NOTE: The label containing Bar Code programmed information is issued automatically.

4) Sample label:

```
WEIGH/FIX
    FFCCCCCCPPPPC
    0223456043210        PACKED  ON
                         MAR 18
BY COUNT                 SELL  BY
    FCCCCCCCCCCCC
    01234560000000       _____

NET WT lbs | PRICE/lb $ | TOTAL PRICE $
         THANK YOU
  19250 VAN NESS AVE. CALiF.
```
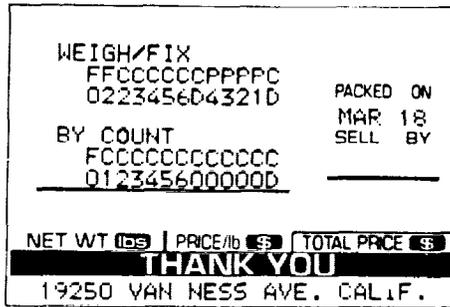
PART III

Programming the contents of PLU (PLU numbers, commodity code, Unit Price, Commodity name and shelf life).

Keyboard entry:
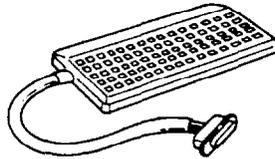
Control lock: PR2

1) PLU Number

Example: Input PLU #1501. (MAX. 6 digits)

	PRICE/lb	TOTAL PRICE
Index: 1	P1	0001
5		.
0		.
1		1501
↓		
Depress: ENTER	P2	

NOTE: If the machine falls into error mode when entering PLU number, once execute the reset operation (Clearing total memories), then program the PLU data again.

2) Commodity Code

Example: Input Commodity Code # 120100 (MAX. 6 digits)

		PRICE/lb	TOTAL PRICE
Index:	1	P2	1
	2		.
	0		.
	1		.
	0		.
	0		120100
Depress:	ENTER	P3	
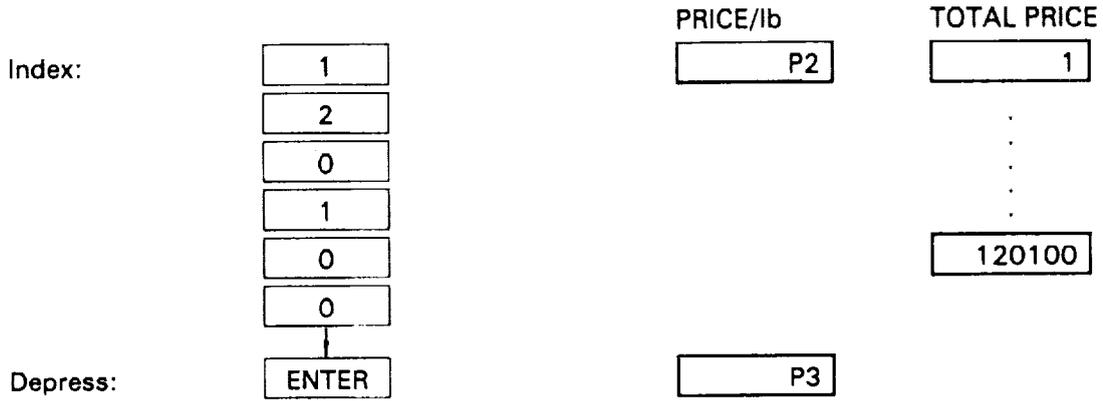
3) Commodity Name

Example: "Beef" has to be designated to print.

		PRICE/lb	TOTAL PRICE
Index:	B	P3	1 01
	E		.
	E		.
	F		1 04
Depress:	ENTER	P4	
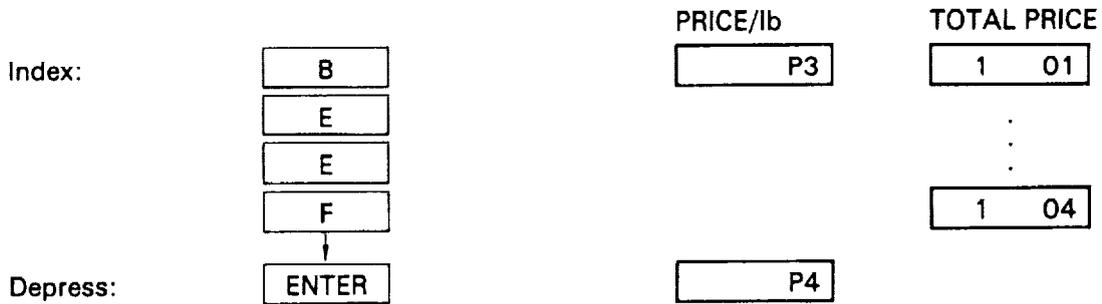
NOTE: In case that just one line of Print is used, it is possible to program up to 20 characters, including any spaces with capital letter.

A two line commodity desciption can also be printed on a label with up to 52 characters with small letter by using RETURN key as follows.

Example: "GRAND SIRLOIN" has to be designated to print.

		PRICE/lb	TOTAL PRICE
Index:	G	P3	1 01
	R		.
	A		.
	N		.
	D		1 05
Depress:	RETURN		2 00
Index:	S		2 01
	I		.
	R		.
	L		.
	O		.
	I		.
	N		2 07
Depress:	ENTER	P4	
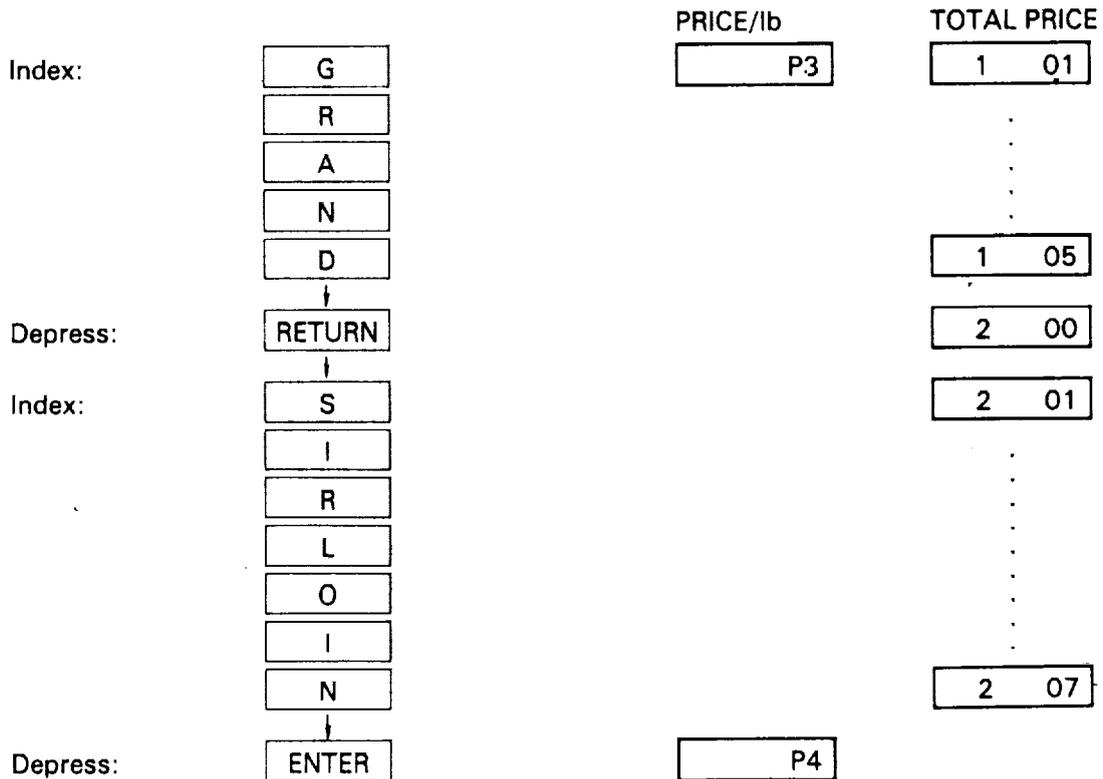
4) Unit Price

Example: Input unit price $25.00 (per 1lb, 1/2lb, 1/4lb) MAX. 4 digits.

		PRICE/lb	TOTAL PRICE
Index:	2	P4	2
	5		
	0		
	0		2500
	ENTER (Per 1lb)		L – 1
Select one key	1/2 (Per 1/2lb)		L – 2
of them	1/4 (Per 1/4lb)		L – 4
	ENTER	P5	
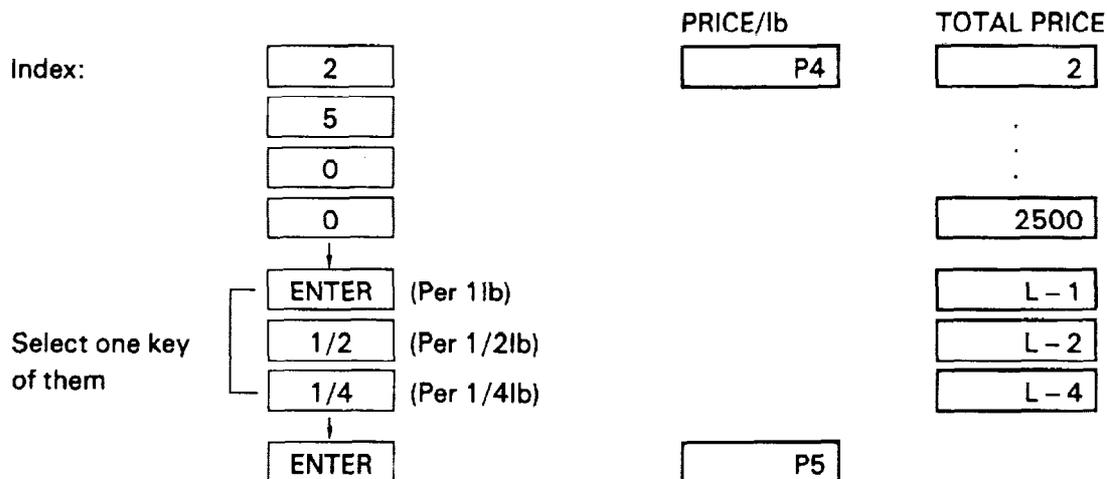
NOTE: The SL59 will check details of unit price, if unit price after calculation (1/2lb: 2 times, 1/4lb: 4 times) is exceeded 4 digits then SL59 will error.

5) Shelf-life

Shelf-life may be made up to 2 digits.

Example: Packaging a product which has 7 days shelf-life.

		PRICE/lb	TOTAL PRICE
Index:	7	P5	07
Depress:	ENTER		

6) Tare (Programmed in PLU)

Tare can be set up to 4 digits.

Example: Tare weight 1.20lb

		PRICE/lb	TOTAL PRICE
Index:	1	P6	1
	2		
	0		120
	ENTER (Finish)		
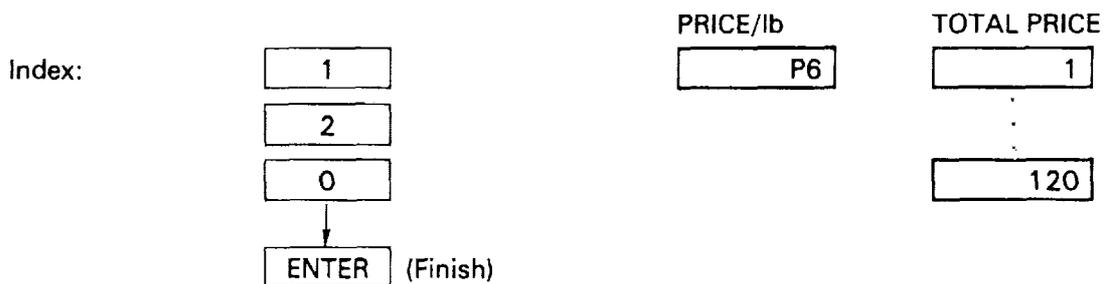
NOTE 1: Limits of Tare weight.

    30lb Scale: Up to 30.00lb

    15lb Scale: Up to 9.995lb

  2: This tare programming is available only when selected by Dip switch (SW3-6).

  3: The display is returned to the initial state automatically after above presetting.

Sample label:

BEEF ——— Commodity Name (One line)

PACKED ON
MAR 18 ——— Date
SELL BY
07 ——— Shelf life

001501 ——— PLU Number

T1.20 25.00 120100 ——— Commodity Code
NET WT ⬛ | PRICE/lb ⬛ | TOTAL PRICE ⬛
THANK YOU
19250 VAN NESS AVE. CALIF. ——— Store address

—— Preset Tare weight
—— PLU Number

GRAND
SIRLOIN ——— Commodity Name (Two lines)

PACKED ON
MAR 18
SELL BY
05

Unit Price

001502

Unit Price Per 1/2 Pound

T0.00 15.00 PER½ 110230 ——— Commodity Code
NET WT ⬛ | PRICE/lb ⬛ | TOTAL PRICE ⬛
THANK YOU
19250 VAN NESS AVE. CALIF.

NOTE: When open unit price is desired, enter the unit price of "0.00" then depress ENTER key.
Open price can be input only per 1 lb.

Sample label:
Open unit price

FISH

PACKED ON
MAR 18
SELL BY
03

Open Unit Price ———

001505

T1.50 0.00 468001
NET WT ⬛ | PRICE/lb ⬛ | TOTAL PRICE ⬛
THANK YOU
19250 VAN NESS AVE. CALIF.

PART IV

Deleting PLU data.

Keyboard entry:

Control lock:

PR2
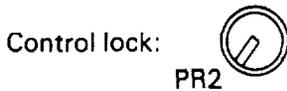
Individual PLU deletion:

A. Example: PLU # 1201 needs to be removed from the file.

			PRICE/lb	TOTAL PRICE
			P1	
Index:	1			1
	2			.
	0			.
	1			1201
Depress:	ENTER			
Depress:	DELETE	(Finish)		

All the data programmed for PLU # 1201 is deleted.

If the unit goes into error during a PLU deletion, the unit has not been reset or the PLU number designated in above procedure (PLU: 1201) had not been preset in the files.

B. Example: Random Item PLU needs to be removed from the file.

		PRICE/lb	TOTAL PRICE
Depress:	H	H1	191827
			(Current Commodity Code)
Depress:	DELETE (Finish)	P1	0000

PART V

1) Random Items PLU setting (Optional function selected by Dip switch)

This SL59 scale is provided with one Random Item PLU memory for the commodity which does not need to be filed in the PLU's beforehand.

Keyboard entry:

Control lock: PR2
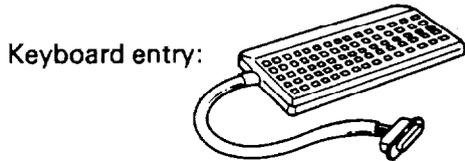
2) Commodity Code

Example: Input Commodity Code # 191827 (MAX. 6 digits)

		PRICE/lb	TOTAL PRICE
Depress:	H	H1	000000
	1		000001
	9		.
	1		.
	8		.
	2		.
	7		191827
	ENTER	H2	

3) Commodity Name

Example: "OTHERS" has to be designated to print.

Index:	O	H2	1 01
	T		.
	H		.
	E		1 04
	R		
	S		
Depress:	ENTER		

NOTE: This procedure is same as that of PART III.

4) Sample label:

```
        OTHERS
                    PACKED  ON
                    MAR  18
                    SELL   BY
        _____          _____
                             191827
  NET WT lbs | PRICE/lb $ | TOTAL PRICE $
        ████THANK YOU████
   19250 VAN NESS AVE. CALIF.
```
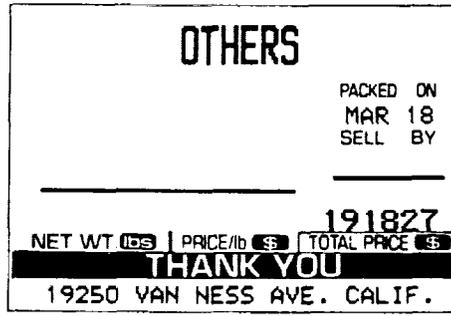
PART VI

Label length and spacing setting

Keyboard entry:
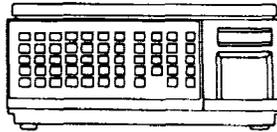
Control lock: PR1

Example: Using standard label, the lable length is 1.57 inch (From bottom to top).

			PRICE/lb	TOTAL PRICE	
Depress:	SAVE		L1	128	: Original space in memory.
Index:	1	(1.26 inch)		1	: Space setting
	2				
	6			126	
Depress:	PRT/•		L2	157	: Original length of label in memory
Index:	1			1	
	5				
	7			157	
Depress:	PRT/•			0000	

NOTE: 1. Spacing can be readjusted separately by adding (to move print up ward), or subtracting (to move print down ward) to the original figure of 1.28 (inch).

NOTE: 2. Best spacing figure can be calculated by subtracting around 0.29 (inch) from the label length figure.

PART VII

Keyboard entry:
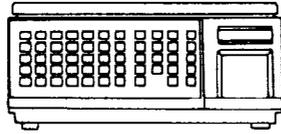
Control lock: PR1

1) Unit Price Change in PLU
Example: Change the unit price of PLU # 1504 to $8.80 per 1/4 lb.

TOTAL PRICE

Index:	**1**
	5
	0
	4
	↓
Depress:	**PLU**
Index:	**8**
	8
	0
	↓
Depress:	**PRT/•**

0001	: PLU #

.
.
.
.

1504

PRICE/lb

50.00		L – 4

00.08	: New Unit Price

.
.

8.80

00
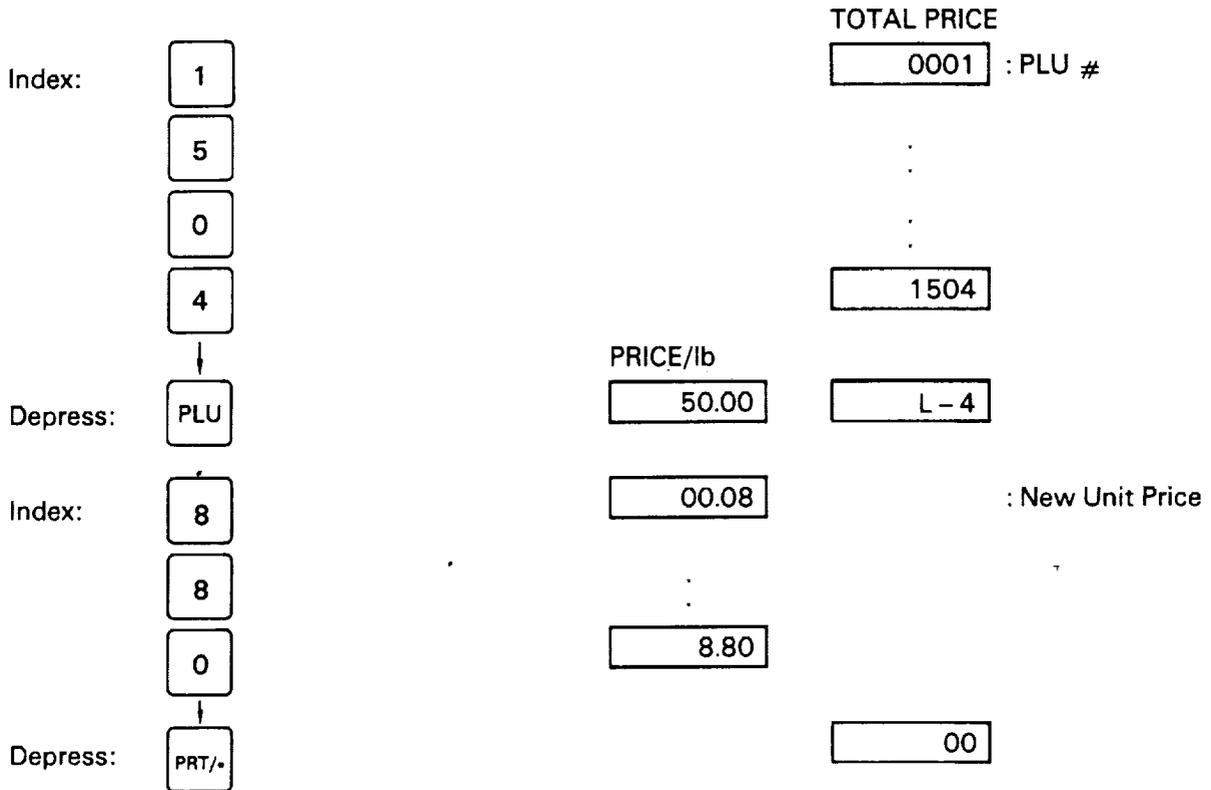
2) Shelf-life Change in PLU.
Example: New shelf-life 12 days

TOTAL PRICE

Index:	**1**
	2
	↓
	PRT/• (Finish) List up on a label

1

12

000000

NOTE: New unit price and Shelf-life are retained in the PLU file.
"Per 1/4 pound" cannot be changed.

3) Sample label:

```
                          CHEESE ───────────── Commodity Description
                                      PACKED  ON
New Unit price ──────────             MAR  18
                                      SELL  BY
PLU No.───────────  001504              14 ──────── Shelf life

Tare weight ──────── T0.80    8.80PER  170020 ──── Commodity Code No.
                     NET WT.(lbs)  PRICE/lb  TOTAL PRICE
                          THANK YOU
                     19250 VAN NESS AVE. CALIF. ──── Address
```
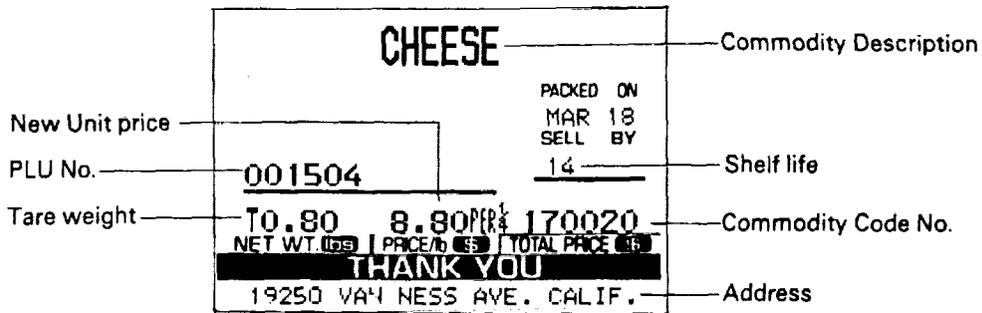
PART VIII

Keyboard entry:
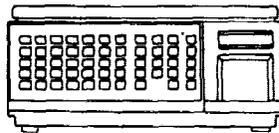
Control lock: PR1

PLU direct Key setting

The SL59 has 33 PLU direct keys which are very convenient to recall a PLU quickly.

Example: Program PLU # 1208 to direct key [4].

		PRICE/lb	TOTAL PRICE
Depress: [4]	(Direct key)	04	0000
[1]		04	0001
[2]		:	:
[0]		:	:
[8]			1208
Depress: [PLU]	(Finish)		0000

The memories of PLU # 1208 have been entered into # 4 direct key.

NOTE: In case of clearing the memory of Direct key, depress [O] key after calling PLU number.

PART IX

Keyboard entry:
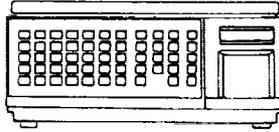
Control lock: PR1

List up of all PLU contents

There are three different kinds of listing procedures, printing it on labels, printing on journal paper, and printing on external journal paper by TANDY's printer.

1. List up on labels. (Dip switch 2-6: "OFF")
   (Standard)

Depress: |PRT/-| key

The labels containing PLU data are issued successively one after another.

Sample label

— 46 —
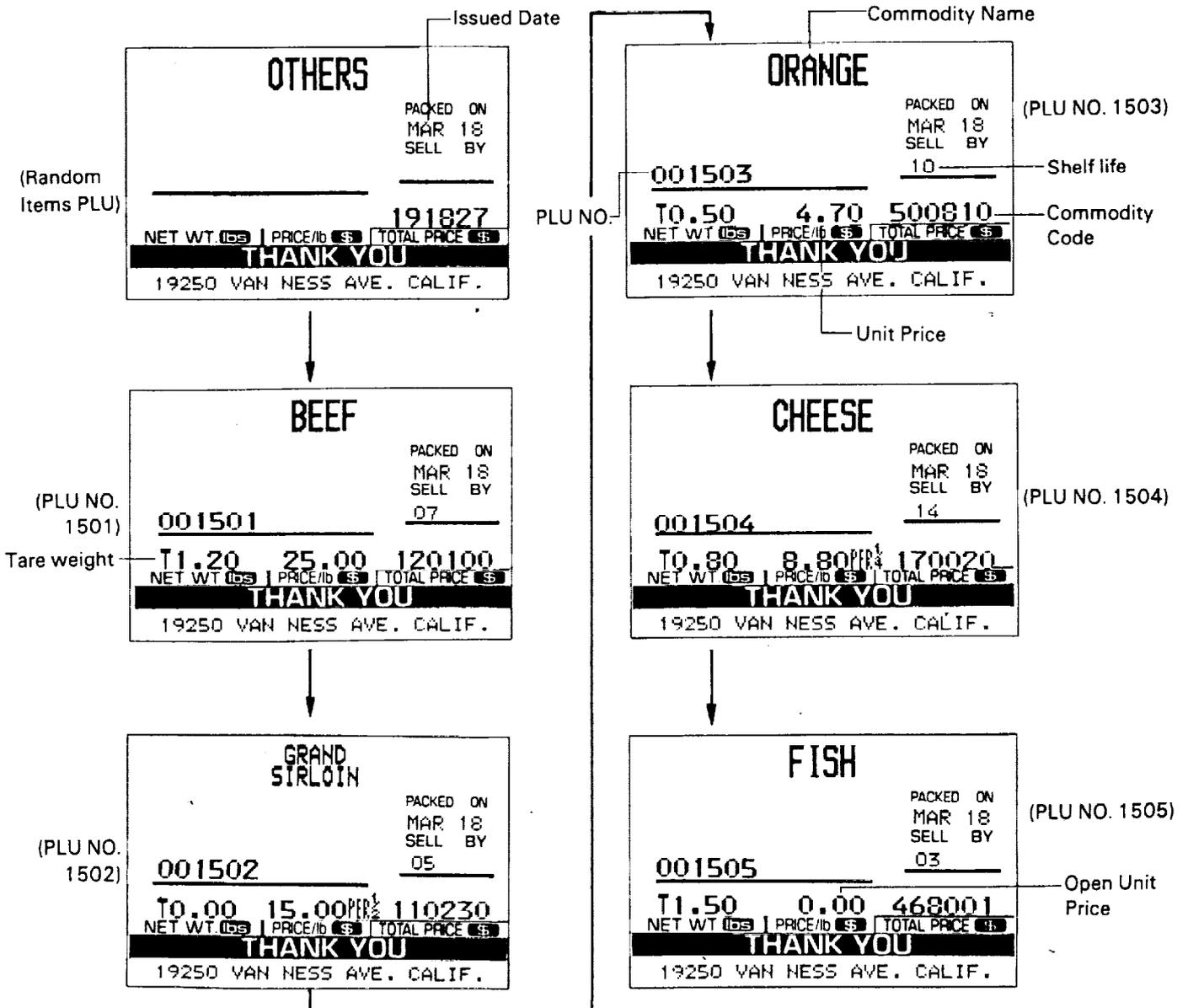
2. List up on journal paper. Dip switch 2-6 : "ON"

                              Dip switch 2-1 : "ON"

After exchanging label roll to journal paper, depress ⌐PRT/*⌐ key, and all PLU contents are printed on paper.

Depress: ⌐PRT/·⌐ key

Sample journal:

```
       PLU LISTING
MAR 18    15:01      M 214
                STORE # 84260


            OTHERS
                    #191827


             BEEF
P.001501  #120100  T 1.20
$25.00 PER Lb      S.L.07


            GRAND
           SIRLOIN
P.001502  #110230  T 0.00
$15.00 PER 1/2 Lb  S.L.05


           ORANGE
P.001503  #500810  T 0.50
$ 4.70 PER Lb      S.L.10


     ·   CHEESE
P.001504  #170020  T 0.80
$ 8.80 PER 1/4 Lb  S.L.12


            FISH
P.001505  #468001  T 1.50
   OPEN PER Lb     S.L.03
```

3. Listing them with external printer.
   Dip switch 2-6 : "ON"
   Dip switch 2-1 : "OFF"
   Connect the printer cable to external printer.
   (Model TP-10 of TANDY CO.).

Depress: | PRT/• | key

Sample external journal:

```
      P L U   L I S T I N G

 MAR ;8    15:05         M 214
                   STORE # 84260


                OTHERS
                         #191827

                 BEEF
 P.001501   #120100    T 1.20
 $25.00 PER Lb  ‾       S.L.07

                GRAND
                SIRLOIN
 P.001502   #110230    T 0.00
 $15.00 PER 1/2 Lb     S.L.05

                ORANGE
 P.001503   #500810    T 0.50
 $ 4.70 PER Lb         S.L.10

                CHEESE
 P.001504   #170020    T 0.80
 $ 8.80 PER 1/4 Lb     S;L.12

                 FISH
 P.001505   #468001    T 1.50
    OPEN PER Lb         S.L.03
```

NOTE: 1. If a group of PLUs are to be read, the following procedures allow a list to be generated.
Example: The contents which are desired to be listed from PLU # 1000.

Index: | 1 |

| 0 |

| 0 |

| 0 |

TOTAL PRICE
| 1000 |

Dpress: | PRT/• | (Finish) | L | | 1000 |

NOTE: 2. The contents of one PLU can be printed by the following.
Example: PLU # 1008 is to be read for verification.

| 1 |

| 0 |

| 0 |

| 8 |

TOTAL PRICE
| 1008 |

PRICE/lb
| 800 | : Current Unit Price

Depress: | PLU |

| PRT/• |

| 0000 |

The content of PLU # 1008 will be printed out.

PART X

Keyboard entry:
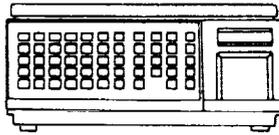
Control lock: PR1

Time of day change

Time setting should be designated in 24 hour military format.

Example: To change the time from 9:55 A.M. to 1:40 P.M.

TOTAL PRICE

| 09.55 |

Depress: DATE/TIME key

Index: 1

3

4

0

| 13.40 |

Depress: DATE/TIME key

(Finish)
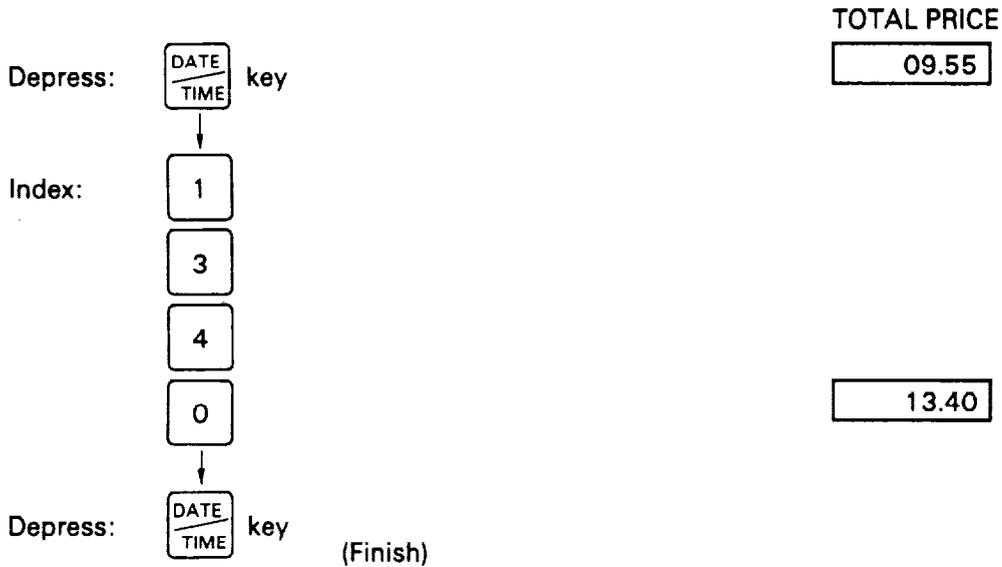
PART XI

Keyboard entry:
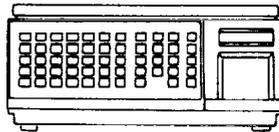
Control lock: PR1

Print Test Label

At the "PR1" position, depression of FOR key will issue a label indicating the area which is within the print matrix.

Please, check the condition of thermal head with this label everyday before starting operation.

Sample label:

NET WT. | PRICE/lb | TOTAL PRICE
THANK YOU
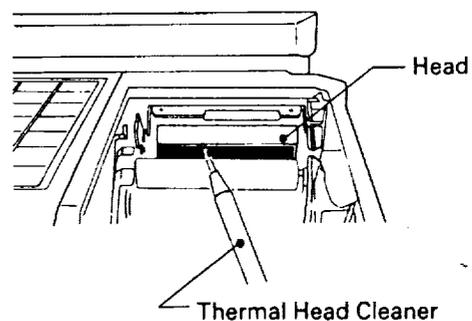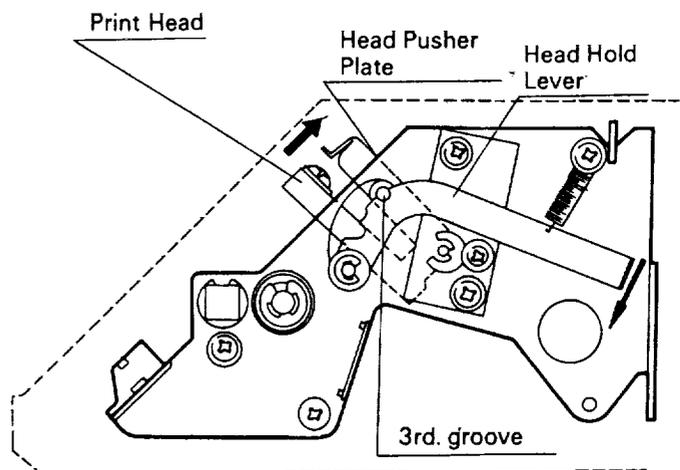
15. BEFORE YOU CALL FOR SERVICE

It is our primary concern to give you full satisfaction and better service.
If, however, any problem arises in connection with the operation of this scale, please check the following points once more before calling for service:

A) Is the power plug fully inserted into the AC outlet?

B) Is the control lock set to "OFF" position?

C) Is AC power being properly supplied to outlet?
(Check it using other electric appliance.)

D) Check circuit breaker.

E) Has there been a power failure of any sort?

F) Has the operation been carried out in the correct order?

This machine has been manufactured under strict quality control. If you have any trouble, however.
DO NOT TRY TO FIX IT BY YOURSELF.
Pull the power plug out of the AC outlet, and contact your TEC representative.

CAUTION: The specifications subject to changes without notice.

1. Do not subject the weighing platter to sudden shocks.

2. Do not pour water directly on scale.

3. Clean the cover and weighing platter by wiping with a dry and soft cloth.

4. Do not use thinner or other volatile solvent for cleaning.

TEC